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~~NINTH~~ CATALOGUE

OF THE

ARKANSAS

Industrial University

LOCATED AT

FAYETTEVILLE, WASHINGTON COUNTY, ARKANSAS.

FOR THE YEAR ENDING JUNE 9, 1881,

AND

ANNOUNCEMENT FOR 1881-82.

ORGANIZED SEPTEMBER 1871.

JUNE, 1881.

LITTLE ROCK:
PRINTED BY MITCHELL & BETTIS, STATE PRINTERS.
1881.

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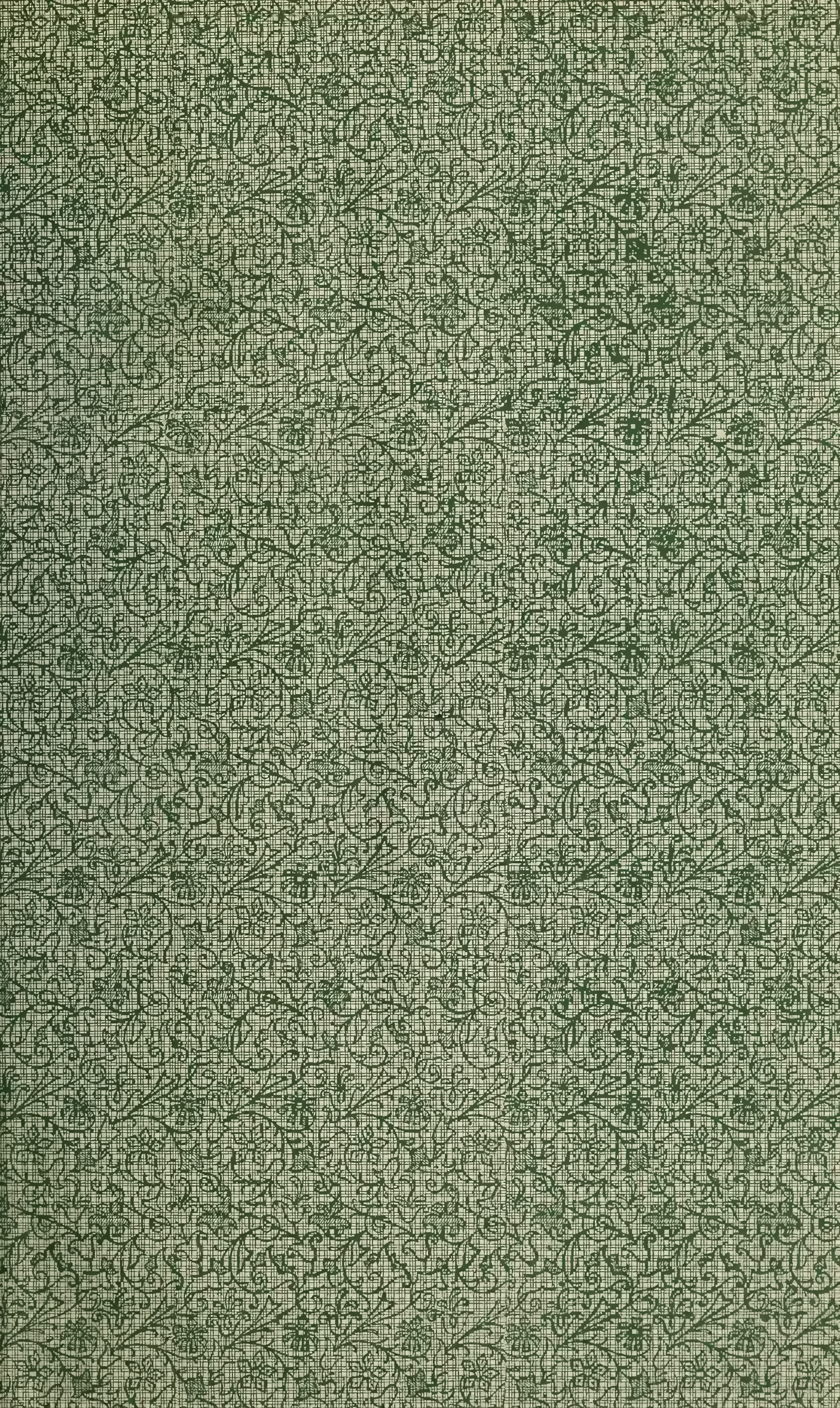

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NINTH CATALOGUE

OF THE

Arkansas Industrial University,

LOCATED AT

FAYETTEVILLE, WASHINGTON COUNTY, ARKANSAS.

FOR THE YEAR ENDING JUNE 9th, 1881.

AND

ANNOUNCEMENT FOR 1881-82

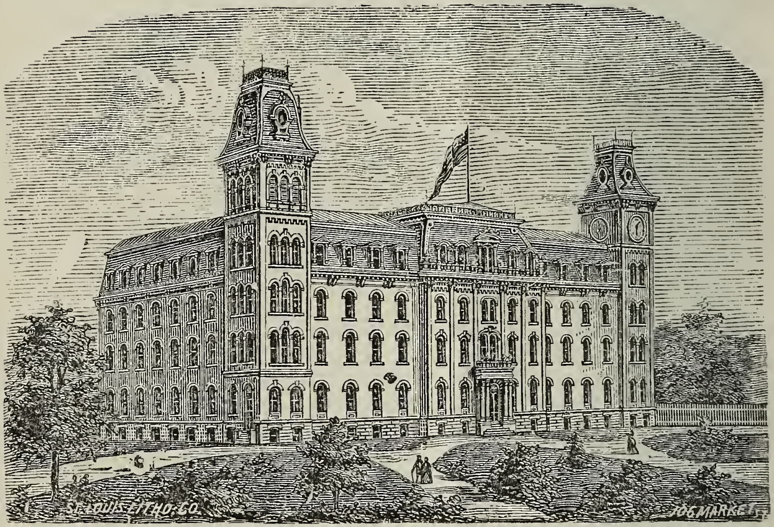
ORGANIZED SEPTEMBER 18, 1881.

JUNE, 1881

LITTLE ROCK:
MITCHELL & BETTIS, STATE PRINTERS,
1881.

ARKANSAS

INDUSTRIAL UNIVERSITY.



DIMENSIONS AND CAPACITY.

It is 214 feet long, by 122 feet wide, covering an area of 26,108 square feet. It is five stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 13 feet in the clear; first and second stories, 16 feet each; third and fourth, 15 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 77 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 210 feet.

Board of Trustees.

HIS EXCELLENCY, T. J. CHURCHILL, Governor, Little Rock,
EX-OFFICIO PRESIDENT OF THE BOARD.

TREASURER:
WM. McILROY, Fayetteville, Ark.,

SECRETARY OF THE BOARD:

....

HON. LAFAYETTE GREGG	Fayetteville, Ark.
HON. A. W. DINSMORE	Bentonville, Ark.
HON. JAMES M. JOHNSON	Wesley, Ark.
J. W. JONES, M. D	Fayetteville, Ark.
S. P. PITTMAN, Esq	Prairie Grove, Ark.
W. E. THOMPSON, Esq	Monticello, Ark.
GEN. G. D. ROYSTON	Washington, Ark.

EXECUTIVE COMMITTEE:
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S. P. PITTMAN, ESQ.
HON. LAFAYETTE GREGG, Secretary.
W. E. THOMPSON, ESQ.
GEN. G. D. ROYSTON.

COMMITTEE ON BRANCH NORMAL COLLEGE:
HIS EXCELLENCY, T. J. CHURCHILL, Governor, Chairman.
GEN. G. D. ROYSTON.
W. E. THOMPSON, ESQ.

FINANCE COMMITTEE:
HON. A. W. DINSMORE, Chairman.
J. W. JONES, M. D.
W. E. THOMPSON, ESQ.

COMMITTEE ON RULES AND BY-LAWS:
HON. JAMES M. JOHNSON, Chairman.
GEN. G. D. ROYSTON.
HON. L. GREGG.

COMMITTEE ON PRINTING:
GEN. D. H. HILL. President of the University.
J. W. JONES, M. D.
HON. L. GREGG

BOARD OF TRUSTEES.—Medical Department:
P. O. HOOPER, M. D., Little Rock, Ark.
E. R. DUVAL, Fort Smith, Ark.
WM. THOMPSON, M. D., Little Rock, Ark.

Board of Visitors.

In Attendance at Commencement, June, 1881.

REV. S. H. BUCHANAN, President	Little Rock, Ark.
HON. W. H. CATE, Secretary	Jonesboro, Ark.
HON. A. H. CARRIGAN	Washington, Ark.
COL. J. M. HARRELL	Hot Springs, Ark.
HON. M. L. DAVIS	Dardanelle, Ark.

65409

Officers and Instructors.

GEN. D. H. HILL,
President and Professor of Mental and Moral Science.

N. P. GATES, A. M.,
Principal of Normal Department.

C. H. LEVERETT, A. M.,
Professor of Ancient Languages.

COL. O. C. GRAY, A. M.,
Professor of Mathematics and Commandant of Cadets.

F. L. HARVEY, B. S.,
Professor of Biology and Geology.

S. E. HARRIS, A. B.,
Professor of English and History.

C. P. CONRAD, A. M., (University of Va.)
Professor of Chemistry and Physics.

H. B. EDMISTON,
Professor of Modern Languages.

J. D. TRADWELL, B. E.,
Professor of Applied Mathematics and Engineering.

....
Professor of Music.

....
Professor of Military Science and Tactics.

MRS. V. L. GRAY,
Teacher of Drawing and Painting.

H. M. WELCH, A. M.
Principal of Preparatory Department.

G. W. DROKE, A. B.,
First Assistant Preparatory Department.

F. L. SUTTON,
Preceptress of Preparatory Department.

MISS L. J. BLAKELEY, A. B.,
Assistant Preparatory Department.

MRS. E. J. CROCKETT,
Third Assistant Preparatory Department.

Medical Department.

(Little Rock, Ark.)

SESSION OF 1881-82.

PROFESSORS.

P. O. HOOPER, M. D.,
Practice of Medicine and President of the Faculty.

EDWIN BENTLEY, M. D.,
Institutes and Practice of Surgery.

A. L. BREYSACHER, M. D.,
Obstetrics and Diseases of Women and Children.

JAS. A. DIBRELL, Jr., M. D.,
General, Descriptive and Surgical Anatomy.

JOHN J. McALMONT, M. D.,
Materia Medica and Therapeutics.

JAMES H. SOUTHALL, M. D.,
Institutes of Medicine.

ROSCOE G. JENNINGS, M. D.,
Clinical Surgery and Dermatology.

CLAIBOURNE WATKINS, M. D.,
Medical Chemistry and Toxicology.

L. P. GIBSON, M. D.,
Demonstator of Anatomy.

LECTURERS OF SPECIAL DEPARTMENTS.

T. E. MURRELL, M. D.,
Ophthamology and Otology.

GEO. C. HARTT, M. D.,
Hygiene and Botany.

JAMES H. LENOW, M. D.,
Diseases of Genito-Urinary Organs.

JOHN M. PIRTLE, M. D.,
Diseases of Children.

JOHN WATERS, M. D.,
Clinical Medicine and Prosector of Anatomy.

LOUIS AUGSPATH, D. D. S.,
Oral Surgery.

John Lineham, Janitor at the College, on Second, between Main and Louisiana Sts. All communications should be addressed to R. G. JENNINGS, M. D., Secretary of Faculty, Little Rock, Ark.

CATALOGUE OF STUDENTS

For the Session Commencing September 6th, 1880, and Ending June 9th, 1881.

Regular Students in the Collegiate Department are graded in General Deportment and Scholarship, on the grade of 100. In all the classes except the Senior, the numbers attached to the names indicate rank. No. 1, indicating first rank; No. 2 second rank, etc.

Irregulars, and those taking a Partial Course, are not graded.

ACADEMIC DEPARTMENT.

ABBREVIATIONS.

a.—Agricultural.
c.—Classical Course.
s.—Scientific.
m.—Modern Languages.
i.—Irregular in the course, regular if not otherwise designated.
e.—English Letters.
l.—Latin Letters.
eng.—Engineering.

SENIOR CLASS.

	NAMES.	RESIDENCE.
c.	Carnall, Ella	Fort Smith, Sebastian County.
c.	Ellis, F. W.	Fayetteville, Washington County.
l.	Gregg, L. W.	Fayetteville, Washington County.
c.	Moore, J. I.	Vineyard, Phillips County.
l.*	Patton, M. J.	Fayetteville, Washington County.
c.	Reed, Lina	Fayetteville, Washington County.
c.	Reiff, O. S.	Magazine, Logan County.
c.	Watson, J. J.	Fayetteville, Washington County.
i.*	Witt, G.	Mount Ida, Montgomery County.
		Total, 9.

* Did not take a degree.

JUNIOR CLASS.

11.	c.	Brown, W. D	Newtonia, Newton Co.. Missouri.
	i.	Buckner, J. C	Hopkinsville, Kentucky.
9.	c.	Carrigan, A. H	Washington, Hempstead County.
6.	c.	Chanslor, C. K	Washburne, Barry County, Missouri.
4.	c.	Cherry, W. R	Patterson's Bluff, Franklin County.
	i.	Cravens, Jessie L	Fayetteville, Washington County.
	i. c.	England, W. W	Evansville, Washington County.
	i.	Herbert, R. O	Melbourne, Izard County.
	i. c.	Holleman, Jessica	Fayetteville, Washington County.
7.	c.	Hon, Daniel	Waldron, Scott County.
	i. c.	Jones, Gustave	Jacksonport, Jackson Co.
	i.	Jacoway, W. D	Dardanelle, Yell County.
3.	c.	Lanier, J. A. M.	Mountain Home, Baxter County.
	i.	Madden, D. B	Camden, Ouachita County.
12.	c.	Mayes, J. F	Fayetteville, Washington County.
1.	c.	McDonnough, J. B	Bloomer, Sebastian County.
10.	c.	McFarlane, R. W	Enterprise, Sebastian County.
	i. a.	Montgomery, W. P	Pierce City, Lawrence County, Mo.
5.	c.	Oates, T. F	Russellville, Pope County.
8.	c.	Pickel, J. W	Mulberry, Franklin County.
	i.	Reed, G. W. M. Jr	Fayetteville, Washington County.
2.	c.	Rogers, P. A	Spavinaw, Benton County.
	i.	Shell, G. C	Augusta, Woodruff County.

Total, 23.

SOPHOMORE CLASS.

6.	c.	Adair, W. C	Ash Flat, Sharp County.
	i. c.	Adair, P. B	Ash Flat, Sharp County.
	i. c.	Bates, C. O	Cincinnati, Washington County.
	i.	Bates, Lena	Fayetteville, Washington County.
	i.	Briant, W. A	Hope, Hempstead County.
	i.	Campbell, B. F	Springdale, Washington County.
	i.	Chaney, H. D	Arkansas Post, Arkansas County.
3.	eng.	Claypool, W. M	Bentonville, Benton County.
	i.	Davis, T. C	Fort Smith, Sebastian County.
	i.	Gregg, Mollie E	Fayetteville, Washington County.
1.	c.	Gorton, Lula S	South West City, Missouri.
2.	c.	Greaves, C. D	Hot Springs, Garland County.
5.	c.	Hall, E. M	Canton, Sharp County.
3.	c.	Haskell, A. W	Pastoria, Jefferson County.
1.	eng.	Henderson, J. W	Bentonville, Benton County.
	i. c.	Herren, T. J	Evening Shade, Sharp County.
	i. c.	Hillis, E. W	Jonesboro, Craighead County.
	i.	Hooper, J. H. K	Polksville, Georgia.
	i.	Hughes, F. M	Wesley, Madison County.
	i.	Johnson, H. C	Wesley, Madison County.
	i.	King, Belle	White Bluff, Jefferson County.
	i.	Lee, E. P	Bentonville, Benton County.
	i.	Massie, Julia J	Fayetteville, Washington County.
	i.	McCart, W. W	Fayetteville, Washington County.
	i.	Murdock, Annie	Harrisburg, Poinsett County.

	i. s.	Olive, J. G.	Marr's Hill, Lafayette County.
	i.	Pape, W. B	Fort Smith, Sebastian County.
	i.	Reinach, J. L.	Pine Bluff, Jefferson County.
	i.	Robins, S. M.	Fontaine, Hempstead County.
	i.	Rowe, R. A.	Greenwood, Sebastian County.
7.	c.	Sanders, Cener C.	Huntsville, Madison County.
	l.	Stovall, B. L.	Jacksonville, Pulaski County.
4.	c.	Stroup, H.	Webb City, Franklin County.
1.	e.	Taliaferro, Lou	Bentonville, Benton County.
	i.	Tilles, C. A.	Fort Smith, Sebastian County.
	i.	Thompson, Nellie	White Bluff, Jefferson County.
	i.	Van Winkle, J. L.	War Eagle Mills, Benton County.
	i.	Van Winkle, R. E. L.	War Eagle Mills, Benton County.
2.	eng.	Wallis, W. C.	Hope, Hempstead County.
	i.	Wells, H.	Monticello, Drew County.

Total, 40.

FRESHMAN CLASS.

8.	e.	Adler, S.	Fort Smith, Sebastian County.
1.	l.	Anderson, L. S	Herndon, Craighead County.
	i. l.	Atkins, W	Washington, Hempstead County.
	i.	Baker, W. P.	Amity, Clark County.
4.	l.	Barbour, E. A.	Alma, Crawford County.
	i.	Bell, Lula A.	Waldron, Scott County.
11.	l.	Brickell, C. W.	Poplar Grove, Phillips County.
10.	l.	Chandler, M. Orline	ElDorado, Union County.
4.	e.	Coffman, C. T.	Harrison, Boone County.
	i. l.	Cook, J. E	Texarkana, Miller County.
	i.	Davis, J. O.	Rhea's Mills, Washington County.
6.	l.	Duncan, W. H.	Conway, Faulkner County.
9.	l.	Davison, J. O.	Poplar Grove, Phillips County.
	i. l.	Deaver, J. P.	Elm Springs, Washington County.
	i.	Eaton, Mary	Fayetteville, Washington County.
2.	l,	Gates, D. A.	Tillar Station, Union County.
	i. l.	Goodwin, W. P.	ElDorado, Union County.
12.	l.	Green, B. M.	Barton, Phillips County.
	i.	Greigg, W. W	Van Buren, Crawford County.
	i. l.	Holcomb, W. H.	Elm Springs, Washington County.
5.	l.	Hudson, J. H.	Dardanelle, Yell County.
2.	e.	Hughes, J. J.	Forrest City, St. Francis County.
	c.	Hyatt, W. H.	Monticello, Drew County.
	i.	Jacoway, Bennie	Dardanelle, Yell County.
	i.	Johnson, B. F.	Wesley, Madison County.
3.	e.	Kindley, A. E.	Bentonville, Benton County.
	i. l.	Lake, Ella	Viney Grove, Washington County.
	i. l.	Ledwidge, Katie G.	Little Rock, Pulaski County.
	i. l.	McCrary, A. M.	Mineral Springs, Howard County.
8.	l.	McNeis, J. C	St. Paul, Madison County.
7.	l.	Moore, G. B.	Pine Bluff, Jefferson County,
1.	e.	Morton, W. H.	Prairie Grove, Washington County.
7.	e.	Pape, Ada	Fort Smith, Sebastian County.
6.	e.	Pape, Annie	Fort Smith, Sebastian County.
	i.	Parrish, W. B.	Polk Bayou, Sharp County,

	i. l.	Porter, G. W	DeWitt, Arkansas County.
1.	eng.	Ralph, S. H	Lewis' Landing, Texas.
3.	l.	Rigney, B. M	Marianna, Lee County.
	i.	Reiff, Emma	Fayetteville, Washington County.
	i.	Sanders, N. L	Huntsville, Madison County.
	i	Skelton, W. R	Fayetteville, Washington County.
2.	eng.	Smith, J. F	Searcy, White County.
	i. l.	Stanley, J. M	Selma, Drew County.
	c.	Taff, J. L	Cauthron, Scott County.
	i. l.	Wolverton, C. H	Fayetteville, Washington County.
	i.	Wright, O. M	Shiloh, Union Point, Louisiana.
5.	e.	Yancy, J. G	Clarksville, Virginia.
	i.	Whitworth, W. B	West City, Missouri.

Total, 48.

PREPARATORY DEPARTMENT.

SUB-FRESHMAN CLASS.

Anderson, C. M	Herndon, Craighead County.
Arnold, D. E	Centerville, Bibb County, Alabama.
Benbrook, Clemmie	Fayetteville, Washington County.
Board, W. J	Rives, Tenn.
Butterfield, Ella A	Hot Springs, Garland County.
Carden, F. M	Fayetteville, Washington County.
Chasteen, T. F	Dixon's Roads, Louisiana.
Chasteen, Robert	Dixon's Roads, Louisiana.
Cowan, W. H	Bentonville, Benton County.
Cook, L. A	Knoxville, Johnston County.
DuPree, Emma B	Springdale, Washington County.
Daniels, E. W	Dermott, Chicot County.
Dial, J. T	Charleston, Franklin County.
Gill, H. R	Morrilton, Conway County.
Howard, E. J	Marianna, Lee County.
Harris, Laura J	Fayetteville, Washington County.
Hudson, Wm	McKenzie's Landing.
Inman, C. A	Grapevine, Texas.
Jennings, Lillie	Fayetteville, Washington County.
Keener, T. J	Parks, Scott County.
Kinsworthy, E. B	Black Colony, Sevier County,
Knight, Carrie R	Fayetteville, Washington County.
Keith, J. F	Boonville, Logan County.
Lee, R. E	Pine Bluff, Jefferson County.
Leverett, Julia B	Fayetteville, Washington County.
Lenox, H. F	Pendleton, Lincoln County.
Maguire, Nannie	Maguire's Store, Washington County.
Mays, Nora	Fayetteville, Washington County,
McCall, E. B	Mount Holly, Union County.

McColloch, C. H.	Hot Springs, Garland County.
McCulloch, R. B.	Conway, Faulkner County.
Morrison, E. A.	Little Rock, Pulaski County.
Moore, R. B.	Ozark, Franklin County.
Moore, J. B.	Ozark, Franklin County.
Notrebe, E. P.	Sarassa, Lincoln County.
Pearce, B. S.	Magnolia, Columbia County.
Phagan, J. C.	Bloomfield, Benton County.
Parham, T. H.	Forrest City, St. Francis County.
Rainwater, Clemmie	Fayetteville, Washington County.
Richardson, R. M.	Charleston, Franklin County.
Robinson, G. W.	Little Rock, Pulaski County.
Robinson, W. P.	Bentonville, Benton County.
Ross, T. A.	Okalona, Clark County.
Reamey, S. S.	Malvern, Hot Spring County.
Sypert, R. T.	Nashville, Howard County.
Scott, J. J.	Hamburg, Ashley County.
Simonds, Hattie	Fayetteville, Washington County.
Skelton, Pollie T.	Fayetteville, Washington County.
Sutton, Mollie B.	Fayetteville, Washington County.
Terry, B. F.	Hamburg, Ashley County.
Taff, J. H.	Cauthron, Scott County.
Turpin, T. C.	Mount Vernon, Faulkner County.
VanHoose, S. Florence	Shreveport, Louisiana.
Williams, G. D.	Little Rock, Pulaski County.
Wilkinson, H. D.	Military Grove, Sebastian County.
Wood, A. S.	Cauthron, Scott County.
Woodall, W. H.	ElPaso, White County.
Woolverton, C. D.	Fayetteville, Washington County.
Young, J. S.	Tulip, Dallas County.
	Total, 58.

A CLASS.

Albright, S. K.	Fayetteville, Washington County.
Anderson, C. M.	Herndon, Craighead County.
Belding, W. L.	Hot Springs, Garland County.
Board, W. J	Rives, Tennessee.
Bollinger, W. A.	St. Paul, Madison County.
Blake, Flora L.	Bell's Store, Nevada County.
Barnett, Saul	Fayetteville, Washington County.
Barron, J. C.	Benton, Saline County.
Betts, J. H.	Hope, Hempstead County.
Brewster, A. C.	Witcherville, Sebastian County.
Benbrook, Katie M.	Fayetteville, Washington County.
Blake, C. M.	Bell's Store, Nevada County.
Botefuhr, Lillie K.	Fayetteville, Washington County.
Bailey, B. F.	Hot Springs, Garland County.
Bertig, Sohl	Galicia, Austria.
Brown, W. W.	Coal Hill, Johnson County.
Bolinger, Mattie L.	Fayetteville, Washington County.
Battle, J. A.	Lewisville, Lafayette County.
Burtnett, J. H.	Laconia, Desha County.
Besanceney, C. L.	Beith's Landing, Chicot County.

Benaeux, H. A	Mulberry, Franklin County.
Boyd, A. J	Wiley's Cove, Van Buren County.
Carter, J. C	Ozark, Franklin County.
Cardwell, Nora B	Fayetteville. Washington County.
Chasteen, Robert	Dixon's Roads, Louisiana.
Caruthers, Elmo	Waldron, Scott County.
Cook, L. A	Knoxville, Johnson County.
Chamberlain, May	Little Rock, Pulaski County.
Crawford, Sarah A	Seligman, Missouri.
Crouch, Dora A	Fayetteville, Washington County.
Carl, S. T	Bloomfield, Benton County.
Cravens, Lelia V	Fayetteville, Washington County.
Canady,	El Paso, White County.
Cline, Charlotte M	Fayetteville, Washington County.
Curtis, S. M	Enola, Faulkner County.
Chasteen, J. W	Dixon's Roads, Louisiana.
Chastain, W. E	Bentonville, Benton County.
Cook, J. N	Texarkana, Miller County.
Daniels, E. W	Dermott, Chicot County.
Dial, D. M	Holly Grove, Monroe County.
Dial, Margie	Holly Grove, Monroe County.
DuPree, Emma B	Springdale, Washington County.
Dowell, H. J	Fayetteville, Washington County.
Dial, J. T	Charleston, Franklin County.
Dupuy, J. L	Askew, Lee County.
Dugger, Nellie G	Trenton, Illinois.
Dougherty, H. R	Red Bluff, Jefferson County.
Dickson, W. E	Magnolia, Columbia County.
Davis, H. J	Silver City, Montgomery County.
Dutton, W. W	Malvern, Hot Spring County.
Donahoo, W. H	Bentonville, Benton County.
Evans, S. A	Knoxville, Johnson County.
Ellis, A. H	Evening Shade, Sharp County.
Freyschlag, E. M	Fayetteville, Washington County.
Foster, J. H	Riley, Yell County.
Frazier, J. R	Chocoville, Sebastian County.
Floyd, H. P	Clarksville, Johnson County.
Gillmore, C. C	Fayetteville, Washington County.
Gray, Carl R	Fayetteville, Washington County.
Gibson, J. S	Dardanelle, Yell County.
Gilbert, Jennie E	Hico, Benton County.
Hall, E. J	Fayetteville, Washington County.
Holmes, J. L	Nimrod, Perry County.
Hicks, Edward	Fort Gibson, Indian Territory.
Holliman, Idora O	Fayetteville, Washington County.
Hunt, V. Josie	Fayetteville, Washington County.
Hansard, Dora F	Fayetteville, Washington County.
Hobson, Hattie M	Fayetteville, Washington County.
Hughs, J. L	Forrest City, St. Francis County.
Hayley, J. F	Hickory Plains, Prairie County.
Hauptman, W. D	Fayetteville, Washington County.
Jastrower, John J	Forrest City, St. Francis County.
Johnston, C. M	Locksburg, Sevier County.
Jackson, H. R	Fayetteville, Washington County.

Jackson, Alice V	Fayetteville, Washington County.
King, J. H	Amity, Clark County.
Kinsworthy, E. B	Black Colony, Sevier County.
Kemp, Elzira	Fayetteville, Washington County.
King, J. P	Mulberry, Franklin County.
Lawrence, Birdie	Atkins, Pope County.
Lenox, H. F	Pendleton, Lincoln County.
Lowery, R. B	Helena, Phillips County.
Leverett, F. P	Fayetteville, Washington County.
Leverett, Mary	Fayetteville, Washington County.
Linasay, H. L	Benton, Saline County.
Linasay, J. T	Millville, Ouachita County.
Langley, S. P	Elk Mills, Missouri.
Lewis, Fletcher	Fayetteville, Washington County.
McCullough, J. D	Relf's Bluff, Lincoln County.
Moose, Eugenia	Morrilton, Conway County.
Myrick, W. A	Helena, Phillips County.
Moore, J. M	Ozark, Franklin County.
Mulholland, Sarah	Fayetteville, Washington County.
Monteith, C. W	Akron, Independence County.
Monteith, K	Akron, Independence County.
McDaniel, S. P	Millbrook, St. Francis County.
McDaniel, S. T	Millbrook, St. Francis County.
McNeill, J. C	Magnolia, Columbia County.
McNeill, W. H	Magnolia, Columbia County.
Mays, Sallie	Fayetteville, Washington County.
McCullock, W. T	Conway, Faulkner County.
McCall, E. B	Mount Holly, Union County.
McFarlane, Alice J	Enterprise, Sebastian County.
McIlroy, W. R	Fayetteville, Washington County.
Mizell, W. T	ElDorado, Union County.
McIlroy, J. D	Ozark, Franklin County.
Maycrs, J. H	Fort Smith, Sebastian County.
Milligan, J. A	Fayetteville, Washington County.
Nealey, E. A	Fayetteville, Washington County.
Notrebe, E. P	Sarassa, Lincoln County.
Nixon, Ismere	Eureka Springs, Carroll County.
Oliver, A. B	St. Louis Landing, Phillips County.
Parham, T. H	Forrest City, St. Francis County.
Paschal, J. F	Calhoun, Columbia County.
Pollard, W. S	Fayetteville, Washington County.
Polhamius, F. M	Hot Springs, Garland County.
Parker, G. C	Danville, Yell County.
Paddock, Gracie	Fayetteville, Washington County.
Perry, T. C	Van Buren, Crawford County,
Rawlings, Ida	Waldron, Scott County.
Richmond, Fannie	Fayetteville, Washington County.
Roulston, Z. T	Hot Springs, Garland County.
Reinhardt, H. D	Hickory Plains, Prairie County.
Redden, D. J	Paris, Logan County.
Reed, J. L	Fayetteville, Washington County.
Rutland, R. F	Little Rock, Pulaski County.
Ross, Charles	Fayetteville, Washington County.

Reynolds, Jennie	Fayetteville, Washington County.
Scott, J. P	Fayetteville, Washington County.
Smith, A. M	Webb City, Franklin County.
Sypert, R. T	Nashville, Howard County.
Sanders, A. B	Huntsville, Madison County.
Stovall, S. Myrtle.	Jacksonville, Pulaski County.
Snodgrass, J. S	Mulberry, Franklin County.
Stone, A. B	Fayetteville, Washington County.
Shugart, W. H	Princeton, Dallas County.
Smith, H. N	Tomlinson, Scott County.
Shaver, A. E.	Charleston, Franklin County.
Sutton, H. S	Fayetteville, Washington County.
Thompson, J. W	ElDorado, Union County.
Tillman, S. J	Fayetteville, Washington County.
Turnham, H. H	Chocoville, Sebastian County.
Taff, J. H	Cauthron, Scott County.
Taff, J. A	Cauthron,Scott County.
Tillar, B. J	Selma, Drew County.
VanHoose, S. Florence	Shreveport, Louisiana.
Wainwright, Lillian	Fayetteville, Washington County.
Wilson, A. J	Dayton, Sebastian County.
Wilson, J. I	Bloomfield, Benton County.
Woodall, W. H	ElPaso, White County.
Wright, R. A. C	Oak Bluff, Clay County.
Walker, J. W	Fayetteville, Washington County.
Westerfield, Walter	Atkins, Pope County.
Whitley, Annie E	Clarenden, Monroe County.
Williams, W. M	Fayetteville, Washington County.
Williams, A	Oak Bluff, Clay County
Wilkerson, P. H	Reed's Creek, Sharp County.
Wilkinson, H. D	Military Grove, Sebastian County.
Watts, J. C	Cincinnati, Washington County.
Wood, A. S	Cauthron, Scott County.
Waddill, J. B	Newport, Jackson County.
Young, J. S	Tulip, Dallas County.

Total, 162.

CLASS B.

Alberti, S. C	Chouteau, Indian Territory.
Bailey, W. T	Malvern, Hot Spring County.
Benaeux, H, A	Mulberry, Franklin County.
Beazely, E. J	Forrest City, St Francis County.
Battle, J. A	Lewisville, Lafayette County.
Botefuhr, Beulah	Fayetteville, Washington County.
Brown, W. W	Coal Hill, Johnson County.
Berry, E. J	Osage Mills, Benton County,
Besanceny, C. L	Beith's Landing, Chicot County.
Burtnett, J .H	Laconia, Desha County.
Copeland, William	Fayetteville, Washington County.
Coffey, M. Belle	Fayetteville, Washington County.
Carl, S. T	Bloomfield, Benton County.
Cobble, W. H	Bentonville, Benton County.
Crenshaw, Mattie	Dermott, Chicot County.
Canady, J. A	ElPaso, White County.

Carter, Nora	Fayetteville, Washington County.
Curtis, S. M	Enola, Faulkner County.
Cardwell, W. C	Paris, Logan County.
Couch, L. F	Hope, Hempstead County.
Draughan, J. H	Fayetteville, Washington County,
Dowell, H. J	Fayetteville, Washington County.
Dumas, A. P	Dumas, Desha County.
Dobson, J. H	Lewisville, Lafayette County.
Ellis, A. W	Evening Shade, Sharp County.
Evans, S. A	Knoxville, Johnson County.
Gregg, H. L	Fayetteville, Washington County.
Graham, Wallace	Fayetteville, Washington County.
Gibson, J. S	Dardanelle, Yell County.
Gunter, Walker	Fayetteville, Washington County.
Harris, J. R	Millville, Ouachita County.
Huckaby, S. J	Danville, Yell County.
Hall, J. B	Benton, Saline County.
Hoge, Helen	Eureka Springs, Carroll County.
Healy, C. J	Fayetteville, Washington County.
Harrison, Lida J	Fayetteville, Washington County.
Harrison, Joseph C	Fayetteville, Washington County.
Herring, R. J	Floyd, Louisiana.
Holman, J. T	Rocky Comfort, Little River County.
Jackson, H. R	Fayetteville, Washington County.
Johnston, J. P	Harrison, Boone County.
King, J. P	Mulberry, Franklin County.
Keatts, James	Little Rock, Pulaski County.
Keatts, Harry	Little Rock, Pulaski County.
Knight, F. M	Fayetteville, Washington County.
Kemp, Elzira	Fayetteville, Washington County.
Kelton, J. H	Bentonville, Benton County.
Linasay, H. L	Benton, Saline County.
Loi, Minnie W	Fayetteville, Washington County.
Lipe, J. G	Claremore, Indian Territory.
McCullock, W. T	Conway, Faulkner County.
McCart, Jennie	Fayetteville, Washington County.
McNeill, B. F	Magnolia, Columbia County.
McNees, W. G	Fayetteville, Washington County.
Martin, J. L	Dardanelle, Yell County.
McIlroy, J. H	Fayetteville, Washington County.
McRoy, Minnie	Fayetteville, Washington County.
Moore, D. E	Camden, Ouachita County.
Posey, E. R	Guerdon, Clark County.
Pope, J. H	Forrest City, St. Francis County.
Porter, Mamie	Fayetteville, Washington County.
Parker, R. C	Paris, Logan County.
Polson, Alice	South West City, Missouri.
Reed, W. L	Fayetteville, Washington County.
Robinson, W R	Okmulgee, Indian Territory.
Ross, Charles	Fayetteville, Washington County.
Rainwater, Minnie	Fayetteville, Washington County.
Robinson, H. C	Lake Village, Chicot County.
Reinhardt, H. D	Hickory Plains, Prairie County.

Reynolds, Lula	Fayetteville, Washington County.
Snodgrass, J. S	Mulberry, Franklin County.
Shugart, E. R	Princeton, Dallas County.
Slocomb, J. R	Little Rock, Pulaski County.
Scott, J. P	Fayetteville, Washington County.
Sheppard, J. J	Three Creeks, Columbia County.
Sanders, L. A	Spring Valley, Madison County.
Sanders, N. L	Huntsville, Madison County.
Stone, J. V	Evening Shade, Sharp County.
Stone, A. M	Fayetteville, Washington County.
Thompson, J. W	ElDorado, Union County.
Threadgill, Nannie G	Wadesboro, North Carolina.
Tillman, S. J	Fayetteville, Washington County.
Trott, Robbie E	Fayetteville, Washington County.
Taylor, Maggie	Fayetteville, Washington County.
Taff, J. A	Cauthron, Scott County.
Vaughan, J. C	Fayetteville, Washington County.
Whitlow, Mabel W	Boonville, Missouri.
Walker, J. W	Fayetteville, Washington County.
Williams, T. D	Clarendon, Monroe County.
Wilson, J. I	Bloomfield, Benton County
Williams, J. F	Ozark, Franklin County.
Winckler, Henrietta	Alma, Crawford County.
Waddill, N	Paris, Logan County.

Total, 93.

C CLASS.

Albright, G. E	Fayetteville, Washington county.
Berry, Lula	Osage Mills, Benton county.
Berry, E. J	Osage Mills, Benton county.
Berry, F. J	Osage Mills, Benton county.
Bailey, W. T	Malvern, Hot Spring county.
Beazely, E. J	Forrest City, St. Francis county.
Crum, Berta	Hope, Hempstead county.
Chenault, G. W	Little Rock, Pulaski county.
Crenshaw, Mattie	Dermott, Chicot county.
Draughan, Katie	Fayetteville, Washington county.
Dumas, A. P	Dumas, Desha county.
Gaines, E. P	Luna Landing, Chicot county.
Gill, G. W	Monticello, Drew County.
Holman, J. T	Rocky Comfort, Little River county.
Hankins, Mattie A	Wesley, Madison county.
Harrison, Lida J	Fayetteville, Washington county.
Herring, R. J	Floyd, Louisiana.
Herring, J. D	Floyd, Louisiana.
Hoge, Albert	Eureka Springs, Carroll county.
Jelks, Theo	Augusta, Woodruff county.
Jennings, W. B	Fayetteville, Washington county.
Jenkins, N. T	Pine Bluff, Jefferson county.
Jenkins, P. G	Pine Bluff, Jefferson county.
Jones, J. A	Conway, Faulkner county.
Lewis, Lena	Fayetteville, Washington county.
Loi, Minnie W	Fayetteville, Washington county.

Leverett, Storer	Fayetteville, Washington county.
McDermotte, M. A	Dermotte, Drew county.
McIlroy, J. H	Fayetteville, Washington county.
McNees, W. G	Fayetteville, Washington county.
Odgen, J. S	Fulton, Hempstead county.
Newsom, Hubert	Fayetteville, Washington county.
North, Mattie	Fayetteville, Washington county.
Posey, E. R	Guerdon, Clark county.
Polhamius, Eugene	Hot Springs, Garland county.
Proctor, W. L	Walnut Lake, Desha county.
Proctor, Clara	Walnut Lake, Desha county.
Slocomb, J. R	Little Rock, Pulaski county.
Simonds, Hattie	Fayetteville, Washington county.
Sparkman, Lem	Guerdon, Clark county.
Thomas, Helen	Fayetteville, Washington county.
Taylor, Maggie	Fayetteville, Washington county.
Tiger, George	Ockmulgee, Indian Territory.
Warner, J. F	Luna Landing, Chicot county.
Winckler, Henrietta	Alma, Crawford county.
Worrell, L. C	Harrisburg, Poinsett county.
Young, Charles I	Pierce City, Missouri.

Total, 47.

IRREGULARS.

Baum, Nettie	Fayetteville, Washington county.
Capshaw. M. T. J	Danville, Yell county.
Johnston, G. W	Flint, Indian Territory.
Lee, J. T	Lonoke, Lonoke county.
Shields, Ella	Cincinnati, Washington County.

Total, 5.

NORMAL CLASS.—Section First.

Anderson, L. S	Herndon, Arkansas.
Anderson, C. M	Herndon, Arkansas.
Adair, P. B	Ash Flat, Arkansas.
Buckner, Jennie C	Hopkinsville, Kentucky.
Barbour, E. A	Alma, Arkansas.
Board, W. J	Rives, Tennessee.
Belding, W. L	Hot Springs, Arkansas.
Barron, J. C	Benton, Arkansas.
Chastain, W. E	Bentonville, Arkansas.
Curtis, S. M	Enola, Arkansas.
Carl, S. T	Bloomfield, Arkansas.
Cook, L. A	Knoxville, Arkansas.
Coffman, C. T	Harrison, Arkansas.
Cook, J. E	Texarkana, Arkansas.
Drake, George W	Bentonville, Arkansas.
Deaver, J. P	Elm Springs, Arkansas.
Davies, W. Y	Fayetteville, Arkansas.

Dutton, W. W	Malvern, Arkansas.
England, W. W	Evansville, Arkansas.
Ellis, A. W	Evening Shade, Arkansas.
Evans, S. A	Knoxville, Arkansas.
Gates, Marie	Fayetteville, Arkansas.
Hon, Daniel	Waldron, Arkansas.
Hughes, J. J	Forrest City, Arkansas.
Hughes, F. M	Wesley, Arkansas.
Herren T. J	Evening Shade, Arkansas.
Hooper, J. K	Polksville, Georgia.
Johnson, H. C	Wesley, Arkansas.
Johnson, B. F	Wesley, Arkansas.
Keener, T. J	Parks, Arkansas.
Lockhart, Fannie	Fayetteville, Arkansas.
Lindsey, H. L	Millville, Arkansas.
McCall, E. B	Mount Holly, Arkansas.
McCulloch, R. B	Conway, Arkansas.
Moore, J. B	Ozark, Arkansas.
Moore, J. M	Ozark, Arkansas.
McCulloch, W. T	Conway, Arkansas.
Monteith, Kelly	Akron, Arkansas.
Patton, Alice	Siloam, Arkansas.
Patton, Mattie	Siloam, Arkansas.
Parish' W. B	Polk Bayou, Arkansas.
Pearce, B. S	Magnolia, Arkansas.
Rigney, B. M	Marianna, Arkansas.
Rowe, R. A	Green Wood, Arkansas.
Smith, J. F	Searcy, Arkansas.
Sanders, Cener	Fayetteville, Arkansas.
Stoval, B. L	Jacksonville, Arkansas.
Turnham, H. H	Chocoville, Arkansas.
Waggener, Mattie A	Prairie Grove, Arkansas.
Woolverton, C. H	Fayetteville, Arkansas.
Woolverton, C. D	Fayetteville, Arkansas.
Watson, J. J	Fayetteville, Arkansas.
Yancy. J. G	Clarksville, Virginia.

Total, 53.

NORMAL CLASS.—Section Second.

Arnold, D. E	Centerville, Alabama.
Bertieg, Sohl	Galicia, Austria.
Cline, Charlotte	Fayetteville, Arkansas.
Cardwell, Nora	Fayetteville, Arkansas.
Chasteen, Robert	Dixson's Roads, Arkansas.
Dial, J. T	Charleston, Arkansas.
Dupuy, J. L	Askew, Arkansas.
Gill, H. R	Morrilton, Arkansas.
Hughes, J. L	Forrest City, Arkansas.

Hunt, Josie	Fayetteville, Arkansas.
Inman, C. A.	Grape Vine, Arkansas.
Knight, Carrie	Fayetteville, Arkansas.
King, J. H.	Amity, Arkansas.
Lawrence, Birdie	Atkins, Arkansas.
McCulloch, C. H.	Hot Springs, Arkansas.
McDaniel, S. P.	Mill Branch, Arkansas.
Maguire, Nannie	Maguire's Store, Arkansas.
Moore, R. R.	Ozark, Arkansas.
Roulston, Z. T.	Hot Springs, Arkansas.
Rainwater, Clem	Fayetteville, Arkansas.
Sypert, R. T.	Nashville, Arkansas.
Shaver, A. E.	Charleston, Arkansas.
Simonds, Hattie	Fayetteville, Arkansas.
Taff, J. H.	Cauthron, Arkansas.
Turpin, T. C.	Mount Vernon, Arkansas.
Wood, A. S.	Cauthron, Arkansas.
Williams, W. M.	Fayetteville, Arkansas.
Wainwright, Lillie	Fayetteville, Arkansas.
Woodall, W. H.	ElPaso, Arkansas.

Total, 29.

DEPARTMENT OF MUSIC.

PIANO.

Blake, Hattie	Bell's Store, Nevada county.
Blake, Flora	Bell's Store, Nevada county.
Bell, Lula	Waldron, Scott county.
Dial, Margie	Holly Grove, Monroe county.
Dugger, Nellie	Trenton, Illinois.
Draughon, Katie	Floyd, Louisiana.
Gregg, Dora	Fayetteville, Washington county.
Hill, Hattie	Fayetteville, Washington county.
Hoge, Helen	Eureka Springs, Carroll county.
Jelks, Theo	Augusta, Woodruff county.
Moose, Eugenia	Morrilton, Conway county.
McFarland, Alice	Enterprise, Sebastian county.
Porter, Mamie	Fayetteville, Washington county.
Rawlings, Ida	Waldron, Scott county.
Shields, Ella	Cincinnati, Washington county.
Vail, Etta	Wesley, Madison county.
Whitley, Annie	Clarendon, Monroe county.
Walker, Nannie	Fayetteville, Washington county.
Nolen, Sarah	Fayetteville, Washington county.

ORGAN.

Cline, Charlotte	Fayetteville, Washington county.
Holliman, Jessica	Fayetteville, Washington county.
Leverett, Julia	Fayetteville, Washington county.

Total, 22.

GENERAL SUMMARY BY STATES.

Arkansas	411
Missouri	8
Louisiana	8
Cherokee Nation	3
Creek Nation	2
Texas	2
Illinois	1
Kentucky	1
Alabama	1
Georgia	1
Austria	1
Tennessee	1
North Carolina	1
	441

COURSE OF STUDY.

PREPARATORY DEPARTMENT.

C CLASS.

Reading and Spelling.
Penmanship.
Grammar, Oral and Spelling.
Arithmetic.
Geography, Oral and Map Drawing.

B CLASS.

Reading and Spelling.
Penmanship.
Grammar and Spelling.
Arithmetic.
Geography.

A CLASS.

CLASSICAL.	ENGLISH.
Arithmetic (completed).	Arithmetic (completed)
Latin.	English Grammar.
English Grammar.	Geography.
Reading and Spelling.	Reading and Spelling.
Penmanship.	Penmanship.

SUB-FRESHMAN.

CLASSICAL.	SCIENTIFIC, ENGINEERING AND AGRICULTURAL.	ENGLISH.	NORMAL.
Algebra.	Algebra.	Algebra.	Algebra.
Latin.	French.	English Composition.	Eng. Composition
Greek.	German.	United States History.	U. S. History.
Reading and Spelling.	Drawing.	Reading and Spelling.	Reading.
Penmanship.	English Comp'n.	Penmanship.	Latin.
			Penmanship.
			Pedagogics.

COURSES OF STUDY.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
FRESHMAN YEAR.	FIRST TERM.	Algebra	Algebra	Algebra	Algebra
		English	English	English	English
		Physical Geog.	Physical Geog.	Physical Geog.	Physical Geog.
		Latin	Latin	French	Drawing
		Greek		German	
	SECOND TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics	Physics	Physics	Physics
		Latin	Latin	French	Drawing
		Greek		German	
	THIRD TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics	Physics	Physics	Physics
		Latin	Latin	French	Botany
		Greek		German	

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
SOPHOMORE YEAR.	FIRST TERM.	Trigonometry	Trigonometry	Trigonometry	Trigonometry
		Rhetoric	Rhetoric	Rhetoric	Rhetoric
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin	Latin	French	
		Greek		German	
	SECOND TERM.	Survey. & Nav.	Survey. & Nav.	Survey. & Nav.	Survey. & Nav.
		Rhetoric	Rhetoric	Rhetoric	Rhetoric
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin	Latin	French	Zoology
		Greek		German	
	THIRD TERM.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.
		Rhetoric	Rhetoric	Rhetoric	Rhetoric
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin	Latin	French	
		Greek		German	

COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Algebra	Algebra	Algebra	Algebra	Algebra
English	English	English	English	English
Phys. Geog	Phys. Geog	Phys. Geog	Phys. Geog	Phys. Geog
Latin	French	French	French	German
Pedagogics	German	German	German	Drawing
	Drawing	Drawing	Drawing	
Geometry	Geometry	Geometry	Geometry	Geometry
English	English	English	English	English
Physics	Physics	Physics	Physics	Physics
Latin	French	French	French	German
Pedagogics	German	German	German	Drawing
	Drawing	Drawing	Drawing	
Geometry	Geometry	Geometry	Geometry	Geometry
English	English	English	English	English
Physics	Physics	Physics	Physics	Physics
Latin	French	French	Botany	German
Botany	German	German	German	Botany
Pedagogics	Botany	Drawing	Drawing	Drawing

NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Trigonometry	Trigonometry	Trigonometry	Trigonometry	Trigonometry
Rhetoric	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry
Gen’l Chemistry	German	German	German	German
Latin	Botany	Blowpipe	Botany	Botany
Pedagogics	Blowpipe	Ap. Math	Blowpipe	Blowpipe
			Ap. Math	Ap. Math
Survey. & Nav.	Survey. & Nav.	Survey. & Nav.	Survey. & Nav.	Survey. & Nav.
Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry
Latin	German	German	German	German
Zoology	Zoology	Ap. Math	Zoology	Zoology
Pedagogics	Anal. Chem.	Anal. Chem.	Ap. Math	Anal. Chem.
			Anal. Chem.	
Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.
Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry	Gen’l Chemistry
Latin	German	German	German	German
Pedagogics	Zoology	Ap. Math	Zoology	Zoology
	Anal. Chem.	Anal. Chem.	Ap. Math	
			Anal. Chem.	

COURSES OF STUDY--Continued.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
JUNIOR YEAR.	FIRST TERM.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.
		Eng. Lit.	Eng. Lit.	Eng. Lit.	Eng. Lit.
		Physiology	Physiology	Physiology	Physiology
		Latin	Latin	French	Mineralogy
		Greek		German	
	SECOND TERM.	Calculus	Calculus	Eng. Lit.	Eng. Lit.
		Eng. Lit.	Eng. Lit	General History	General History
		General History	General History	Geology	Geology
		Geology	Geology	French	
		Latin	Latin	German	
		Greek			
	THIRD TERM.	Calculus	Calculus	Eng. Lit.	Eng. Lit.
		Eng. Lit.	Eng. Lit.	General History	General History
		General History	General History	Geology	Logic
		Logic	Logic	French	Astronomy
		Latin	Astronomy	German	
		Greek	Latln		

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
SENIOR YEAR.	FIRRT TERM.	Nat. Philosophy.	Ment. Philos.	Ment. Philos.	Ment. Philos.
		Ment. Philos.	Polit. Econ.	Polit. Econ.	Polit. Econ.
		Polit. Econ.	Hist. of Civil	Hist. of Civil	Hist of Civil
		Hist. of Civil	Latin		Eng. Lit.
	SECOND TERM.	Nat. Philosophy.	Moral Philos.	Moral Philos.	Moral Philos.
		Moral Philos.	Hist. of Philos.	Hist. of Philos.	Hist. of Philos.
		Hist. of Philos.	Int. Law	Int. Law	Int. Law
		Int. Law	Civil Polity	Civil Polity	Civil Polity
		Civil Polity	Latin		Eng. Lit.
	THIRD TERM.	Philology	Philology	Philology	Philology
		Evidences of Christianity.	Evidences of Christianity.	Evidences of Christianity.	Evidences of Christianity.
		Criticism	Criticism	Criticism	Criticism
		Const. of U. S.	Const. of U. S.	Const. of U. S.	Const. of U. S.

COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.
Eng. Lit.	Physiology	Mineralogy	Mineralogy	Physiology
Physiology	Mineralogy	Anal. Chem.	Anal. Chem.	Mineralogy
Pedagogics	Anal. Chem.	Ap. Math	Ap. Math	Stock Breeding
Calculus	Geology	Calculus	Geology	Geology
Eng. Lit.	Biology	Geology	Anal. Chem.	Entomology
General History.	Anal. Chem.	Anal. Chem.	Ap. Math	Agricultural Chemistry.
Geology		Ap. Math		
Pedagogics				Machinery
Eng. Lit.	Geology	Calculus	Geology	Anatomy
General History.	Anatomy	Geology	Anal. Chem.	Astronomy
Astronomy	Anal. Chem.	Anal. Chem.	Ap. Math	Anal. Chem.
History of Education.		Ap. Math		Book-keeping
School Law				

SCIENTIFIC COURSE	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Nat. Philos.	Nat. Philos.	Nat. Philos.	Physics
Ind. Chem.	Ind. Chem.	Ind. Chem.	Ind. Chem.
Anal. Chem.	Ap. Math	Anal. Chem.	Anal. Chem.
		Ap. Math	Agriculture
Nat. Philos.	Nat. Philos.	Nat. Philos.	Physics
Ind. Chem.	Ind. Chem.	Ind. Chem.	Ind. Chem.
Anal. Chem.	Ap. Math	Anal. Chem.	Anal. Chem.
		Ap. Math	Agriculture
Nat. Philos.	Nat. Philos.	Nat. Philos.	Landscape Garden.
Ind. Chem.	Ind. Chem.	Ind. Chem.	Ind. Chem.
Anal. Chem.	Ap. Math	Anal. Chem.	Agriculture
		Ap. Math	Veterinary Surgery

SCHEME OF RECITATIONS.

	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST TERM.	Mental Philosophy.	Political Economy.	Natural Philosophy.	Physiology.	English Literature.	Hist. of Civilization.
	Jun. Ap. Math.	Jun. Lat. and Greek.	Jun. Mathematics.	Soph. Mod. Lan.	Freshman Latin.	Jun. Mod. Language.
	Soph. Lat.	Mineralogy.	Soph. Ap. Math.	Soph. Greek.	Fresh. Ap. Math.	Soph. Mathematics.
	Soph. Bot.	General Chem.	Rhetoric.	Freshman English.		Phys. Geography.
	Sub-F. Mod. Lang.	Fresh. Mathematics.	Fresh. Mod. Lang.			
			Fresh. Greek.			
SECOND TERM.	Moral Philosophy.	International Law.	Natural Philosophy.	Geology.	English Literature.	Hist. of Philosophy.
	General History.	Jun. Lat. and Greek.	Junior Mathematics.	Soph. Mod. Lang.	Freshman Latin.	Biology.
	Junior Ap. Math.	General Chemistry.	Soph. Ap. Math.	Sophomore Greek.	Fresh. Ap. Math.	Junior Mod. Lang.
	Sophomore Latin.	Fresh. Mathematics.	Rhetoric.	Freshman English.		Soph. Mathematics.
	Zoology.		Fresh. Mod. Lang.			Freshman Physics.
	Sub-F. Mod. Lang.		Fresh. Greek.			
THIRD TERM.	Ev. of Christianity.	Philology.	Junior Mathematics.	Criticism.	English Literature.	Logic.
	General History.	Jun. Lat. and Greek.	Soph. Ap. Math.	Geology.	Zoology.	Comp. Anatomy
	Jun. Ap. Math.	General Chemistry.	Rhetoric.	Junior Astronomy.	Freshman Latin.	Junior Mod. Lang.
	Sophomore Latin.	Fresh. Mathematics.	Fresh. Mod. Lang.	Soph. Mod. Lang.	Fresh. Ap. Math.	Soph. Mathematics.
	Freshman Botany.		Fresh. Greek.	Sophomore Greek.		Freshman Physics.
	Sub-F. Mod. Lang.			Freshman English.		

N. B.—Special arrangements will be made for those classes not provided for in the above Scheme.

MILITARY.

Instruction in this department is designed to impart to each nale student, not physically incapacitated to bear arms, pracical instruction in the school of the soldier, of the company, nd the battalion; the duties of guards, outposts and pickets.

The drills occurs not over three times a week, and, being hort, they involve no hardship, while it is manifest that they fford a good health-giving exercise and aid in the development f the physique and manly carriage of the cadet. The entire ody of male students is divided into companies which are fficered by cadets, selected for proficiency in drill, good leportment and scholarship. The cadet officers are regarded s assistants in the enforcement of discipline, and their orders, vhile on duty, are considered as duly authorized and must be beyed accordingly.

Cadet officers are expected and required to set examples of ilitary deportment and general good conduct.

A neat suit of cadet gray with brass buttons and black trimings, will be required to be worn by all males.

ROSTER OF BATTALION A. I. U. CADETS.

Col. O. C. Gray, Commandant.

STAFF OFFICERS.

J. B. McDonough, *First Lieutenant and Adjutant.*
E. P. Lee, *Second Lieutenant and Acting Quartermaster.*
G. Jones, *Second Lieutenant and Ensign.*
J. W. Pickel, *Ordnance Sergeant.*
H. D. Chaney, *Sergeant-Major.*

LINE OFFICERS.

"*A*" *Company.*

F. W. Ellis, *Captain.*
J. I. Moore, *First Lieutenant.*
B. L. Stovall, *Second Lieutenant.*
G. C. Shell, *First Sergeant.*
W. B. Pape, *Second Sergeant.*
D. B. Madden, *Third Sergeant.*
P. A. Rogers, *Fourth Sergeant.*
F. M. Hughes, *Fifth Sergeant.*

"*B*" *Company.*

O. S. Reiff, *Captain.*
J. J. Watson, *First Lieutenant.*
W. D. Brown, *Second Lieutenant.*
T. F. Oates, *First Sergeant.*
W. R. Cherry, *Second Sergeant.*
J. F. Mayes, *Third Sergeant.*
W. C. Wallis, *Fourth Sergeant.*
Fifth Sergeant.

"*C*" *Company.*

L. W. Gregg, *Captain.*
W. D. Jacoway, *First Lieutenant.*
A. H. Carrigan, *Second Lieutenant.*
R. W. McFarlane, *First Sergeant.*
T. C. Davis, *Second Sergeant.*
W. M. Claypool, *Third Sergeant.*
W. W. England, *Fourth Sergeant.*
D. Hon, *Fifth Sergeant.*

A. I. U. Cornet Band.

Lieutenant W. A. Briant, *First Leader.*
Lieutenant J. L. Reinach, *Second Leader.*

Sergeant C. D. Greaves, *First B. Flat.*
Lieutenant R. E. L. VanWinkle, *Solo Alto.*
Sergeant C. K. Chanslor, *First Alto.*
Sergeant R. B. McCulloch, *Second Alto.*
Sergeant D. A. Gates, *Third Alto.*
Sergeant J. A. M. Lanier, *First Tenor.*
Sergeant E. W. Daniels, *Second Tenor.*
Sergeant J. W. Henderson, *Baritone.*
Sergeant H. Stroup, *Tuba.*
Sergeant H. Wells, *Base Drum.*
Sergeant C. Gray, *Snare Drum.*

DEPARTMENT OF INSTRUCTION.

MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's Department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

TEXT BOOKS.

Porter's Intellectual Science. Alexander's Evidences of Christianity.
Wayland's Moral Philosophy. Bowen's Logic.
Townsend's Civil Government. Perry's Political Economy.
In English Literature—Marsh, Trench and Shepherd.

NORMAL DEPARTMENT.

PROF. GATES.

The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English Branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends:

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

ANCIENT LANGUAGES.

PROF. LEVERETT.

Instruction in this department is distributed into two schools.

1. SCHOOL OF ANCIENT LANGUAGES.

There are four classes in Latin and the same number in Greek. The mode of instruction is by translations from the Text Books into English, and from English into Latin and Greek. The principles and idioms of the languages are carefully studied, with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek, or their equivalents, and must have read two books in Cæsar's Commentaries, and two books of Xenophon's Anabasis.

TEXT BOOKS.

LATIN—FRESHMAN CLASS.

Cæsar Third and Fourth Books.
Cicero's Orations against Cataline.
Æneid Six Books.
Exercises in writing Latin Composition.

SOPHOMORE CLASS.

Horace, Odes, Epodes, and Selections from Satires and Epistles.

JUNIOR CLASS.

Tacitus—Germania, Agricola and Annals.
Juvenal's Satires.

GREEK—FRESHMAN CLASS.

Xenophon's Anabasis (completed).
Harkness' Greek Composition.
Exercises in writing Greek.

SOPHOMORE CLASS.

Homer, (Selections from Iliad).
Herodotus, (selections)
Exercises in Writing Greek.

JUNIOR CLASS.

Demosthenes, (public orations).
Aristophanes
Selections from the Lyric Poets.

Books of Reference:—Liddel's Rome, Brown's Roman Literature, Smith's History of Greece,

MODERN LANGUAGES.

PROF. EDMISTON.

The languages taught in this school are the French and the German. The course of study in both for the first two years (Sub-Freshman and Freshman), is uniform for all classes of students, and is designed to impart to the student a practical familiarity with the idioms and vocabularies of the two languages. In the Sophomore year, a special course in Scientific German will be given the students in the scientific departments. For other students the Sophomore and Junior years will be devoted to the literary study of the two languages. The text books to be used will be announced at the opening of the next term.

PURE MATHEMATICS.

PROF. GRAY.

The course of study for the various degrees is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry, Descriptive Geometry, Solid Geometry and Calculus.

ALGEBRA

(taught by use of text and reference books and frequent lectures) is confined to the first term of the Freshman year, and embraces the elementary principles; equations; simple and quadratic; ratio, proportion, progression, inequation and differentiation; indeterminate coefficients; trinomial theorem in development of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

GEOMETRY

(taught by the same methods as mentioned for Algebra) is confined to the second and third terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurement of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under the subjects, a variety of original and practical problems for class work.

TRIGONOMETRY

(taught by use of approved text books and familiar lectures) is confined to the first term of the Sophomore year; and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc,; the use of logarithms; oblique and right angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Plane and Spherical Trigonometry in the mind, applications are made to surveying and navigation, during the second term of the Sophomore year.

TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practiced on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice, with compass, chain, level and rod:—

TO NAVIGATION,

by problems in plane sailing; differences in latitude and longitude; Mercator's sailing; computing meridianal parts; sailing in currents; finding places by solar and lunar observations, practical use of quadrant.

DESCRIPTIVE GEOMETRY

is taught in the second term of Sophomore year by lectures, and use of Church or Warren's text books.

ANALYTICAL GEOMETRY

is taught by lectures and use of text books, and is confined to two terms, and embraces the Cartesian method of co-ordinates; construction of equations; transformation of co-ordinates, and properties of the Conic sections.

CALCULUS

is taught by the use of text books and familiar lectures. This study embraces Differential Calculus applied to the differentiation of algebraic, exponential, logarithmic, trigonometrical and circular functions; successive differentiations; differential co-efficients; implicit and compound functions; Maclaurin's formula; Taylor's formula: evolutions of indeterminate expressions; maxima and minima of functions of one variable.

INTEGRAL CALCULUS.

Elementary rules; subordinate circular forms; separation by indeterminate co-efficients; rationalization; formula for integration by parts; integration by infinite series; successive integration; method of disposing of the constant of integration.

TEXT BOOKS.

Algebra—Robinson's University.
Geometry—Schuyler.
Analytical Geometry—Loomis.
Calculus—Loomis.
Plane Trigonometry—Schuyler.
Surveying and Navigation—Schuyler.

PHYSICS AND CHEMISTRY.

PROF. CONRAD.

PHYSICS.

This department embraces Physics proper and Astronomy.

Physics.—The Freshman Class studies *Elementary Physics* during the last two terms. The course embraces the groundwork of future scientific study, and gives correct ideas upon common phenomena in every day life. Additional apparatus has just been purchased, and the subjects will be fully illustrated.

Text Books.—Wells, (new edition); Notes and Problems.

The Senior Class studies *Advanced Physics* during two terms.

Text Books.—Ganot's Physics; Notes and Problems. Special treatises will be recommended upon Acoustics, Optics, and Electricity.

Astronomy.—The Junior Class studies *Descriptive Astronomy* during the third term.

Text Books.—Newcomb & Holden.

The Senior Class studies *Spherical and Physical Astronomy* during two terms. Recent additions of charts, photographs, etc., will add to the interest of this study. A small telescope will be brought to the aid of the student.

Text Books.—Norton. *Reference.*—Newcomb, Chauvenet.

CHEMISTRY.

This department is divided as follows:

GENERAL CHEMISTRY.

This course is studied by the Sophomore Class during the entire year. The first term is devoted to Chemical Physics, embracing the applications of the Metric System, Specific Gravity, Analytical Balance, the principles of Osmose and Diffusion, and the laws of heat, light, and electricity, in their bearing upon future studies in Chemistry.

Text Books.—Lectures, Notes, and Problems. *Reference.*—Miller, Cooke, Pynchon. The study of Chemistry begins with the second term.

The aim in this class is to secure, first of all, a thorough understanding of the principles of Chemical Philosophy. Much attention is given to the solution of problems, illustrating chemical combination by weight and by volume, and the use of chemical symbols. In the treatment of the non-metallic and metallic elements, and in the presentation of the main facts and principles of Organic Chemistry, it is the design to show the application of the principles of Modern Chemical Theory, as well as to bring out such facts, and their applications in the arts and manufactures, as are of common interest. The lecture room has been well fitted up, and supplied with ample facilities for class illustration.

Text Books.—Norton's Elements; Notes and Problems. *Reference.*—Barker, Cooke, Fownes, Miller, Roscoe, Naquet.

INDUSTRIAL CHEMISTRY.

This course, which is taken up in the Senior year, embraces a discussion in detail of the processes and chemical principles involved in the application of Chemistry in the more important Arts and Manufactures, in the reduction of ores, the preparation of materials for food and drink, for clothing, shelter, heating, illumination, cleansing, writing, printing, etc.

Text Books.—Wagner's Chemical Technology. *Reference.*—Watt, Ure, Muspratt, Appleton's Dictionary.

ANALYTICAL CHEMISTRY.

This study may be taken up by all students who may desire it. It embraces Blowpipe Work and Determinative Mineralogy, Qualitative and Quantitative Analysis, Assaying and Metallurgy. The student is taught the use of the Blowpipe and the mode of detecting simple substances; ample practice in this and other forms of chemical manipulation being given. A systematic course of Qualitative Analysis is then taken up, and having learned to detect the more important chemical substances, the student is required to analyze and report upon substances given him, including mixtures of salts, ores, and other compounds. Quantitative Analysis is at first confined to known substances; when confidence and accuracy have been acquired, the student is given, in progressive series, more difficult substances, as ores, minerals, manures, soils, mineral waters, technical products, etc. Determinative Mineralogy is studied by the aid of the blowpipe during the first term of the Junior year. A course of fire assaying, adapted to the grade of each class, is pursued during the winter months. Especial attention will be given to the Analysis of State Minerals and Ores. The laboratory is provided with two of Becker's best balances, and recent appropriations will materially aid in supplying apparatus.

Each student in the Chemical Laboratory is required to deposit $10, and is furnished with working-table, reagents and necessary apparatus. At the close of the session, he will be credited with such articles as may be returned in good order; the cost of materials used and the value of articles injured or destroyed will be deducted from the deposit.

Text Books.—Notes and Lectures. Also recommended Brush, Erni, or Elderhorst, *Fresenius* & Wohler, *Ricketts* or Mitchell, Phillips Crooke & Rohrig's Metallurgy.

AGRICULTURAL CHEMISTRY.

A cource of lectures will be delivered, embracing a discussion of the physical and chemical properties of soils, and the chemistry of vegetable life and growth, of manures, of composting, of such farm operations as plowing, fallowing, draining, etc.

Text Books.—S. W. Johnson, J. F. W. Johnston, Liebig. For Agricultural Chemical Analysis.—Church & Caldwell,

COURSE IN BIOLOGY.

PROF. HARVEY.

GENERAL BOTANY

Begins with the Spring term of the Freshman year, and is continued through the first term of the Sophomore year.

Applicants for the A. B. and Civil Engineering degrees do not study Botany.

The first term is devoted to a consideration of the structure and uses of the organs of plants, together with analysis, classification and study of the prominent orders of flowering plants.

Students do laboratory work, and prepare one hundred species for an Herbarium. In those courses where Botany is studied but one term, a collection of fifty species only will be required.

The second term is devoted to a study of the Compositæ, Gramineæ, Cyperaceæ, and other difficult orders, together with a course in Cryptogamic and Economic Botany.

CRYPTOGAMIC BOTANY

embraces the characters of the equisetums, ferns, mosses, liverworts, ground pines, fungi, lichens, and algæ.

The ferns of the State are classified. The economic value of fungi and lichens is considered, also the prominent forms of injurious fungi.

ECONOMIC BOTANY

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions:

fibre, food, forage, medicinal and ornamental plants; plants yielding dyes, gums, spices, narcotics, etc.

BOTANICAL TEXT AND REFERENCE BOOKS.

Gray's Manual and Lessons. Wood's Botany. Gray's Structural Botany.
Sach's Text Book. Various Catalogues and Government Reports.
United States Dispensatory. Gray's Genera Illustrata, etc.
Torry & Gray's Flora of North America.
Bessey's Botany. Gray's Flora of North America. Chapman's Southern Flora.
LeMaout & Decaisne's Descriptive and Analytical Botany.

COMPARATIVE ZOOLOGY.

This subject occupies the second and third terms of the Sophomore year; embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of the compound microscope.

PHYSIOLOGY.

Advanced Physiology is considered during the first term of the Junior year. It will embrace Human Anatomy, Physiology and Hygiene.

COMPARATIVE ANATOMY

occupies the third term of the Junior year, and embraces a comparison of the muscular, osseous, nervous, digestive, circulatory and respiratory systems in man, with those of the lower animals.

ADVANCED BIOLOGY

will occupy one term in the Junior year, and embraces laboratory work and classification.

Applicants for B. S. and B. Agl. degrees take the entire biological course. Civil Engineers do no biological work. Physiology is required of applicants for all except engineering degrees, while applicants for the B. E. L. and M. E. degrees pursue Botany one term, and Zoology two terms.

REFERENCE AND TEXT BOOKS IN ZOOLOGY.

Flint and Dalton's Works on Physiology. Gray's Anatomy.
Orton and Nicholson's Works on Comparative Zoology.
Owen's Physiology and Anatomy of Vertebrates.
Carpenter's Principles of Comparative Zoology.
Darwin's Works. Cou's Key to North American Birds.
Tenny's Manual of Zoology. Packard's Guide to the Study of Insects.
Flint's Insects Injurious to Vegetation. Various Government Reports.
Chauveau's Comparative Anatomy. Jordan's Manual of Vertebrates.
(Entozoa, Cobbold.) (Veterinary Surgery, Williams.)
Wallace's Distribution of Animals. Packard's Manual of Zoology.

COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

MINERALOGY AND LITHOLOGICAL GEOLOGY

occupy the first term of the Junior year, and consider rock masses and mineral species. The work is impressed by cabinet specimens and blow-pipe analysis. State minerals receive special consideration.

DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second and third terms of the Junior year. Succession of strata, characteristic fossils, division of formations into times, ages and periods, geology of the State, methods of conducting geological surveys, field work, succession of strata in this region, economic geology, changes our earth has undergone in rock formations, vegetable and animal life, causes that have and are still modifying the features of the earth.

TEXT BOOKS.

Dana's Text Books and Manuals. LeConte's Geology. Lyell's Principles.
Cornell, Guyot and Warren's Physical Geographies.
Geological Surveys of many of the States. Also Government Reports.

APPLIED MATHEMATICS.

For students wishing to pursue the Engineering Course, a course of special training in English, French, German, Elementary Mathematics and Drawing has been provided, embracing two years in the Preparatory Department, and the first year in Collegiate Department.

The School of Applied Mathematics is designed as the basis of the course in Civil Engineering and Mining Engineering. The work proper begins with the first term of the second or Sophomore year, and embraces a three years' course in the applications of Pure Mathematics to the solutions of such problems as are constantly presented to the practical engineer.

The course is divided as follows:

GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large or small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves in the field. Higher Geodesy and the projection of maps will be taught in the second term of the third year.

PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in Pure Mathematics. Each of the systems, orthogonal, axonometric and oblique, are discussed, and students construct the projections of various objects presented.

(C) CENTRAL PROJECTIONS.*

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects, both simple and regular in form.

ROADS, RAILWAYS, TUNNELS AND CANALS.

The principles of the construction of each of these are fully presented, and, as far as practicable, students are required to apply for themselves these principles in the field, in laying out and staking curves, computing various cuts and fills, etc.

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* Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.

STRENGTH OF MATERIALS.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected are taught, and the student is required to apply his knowledge by the solution of a number of problems relating to the stability of different structures.

(C) ARCHES, BRIDGES, ROOFS.*

The general principles of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the working drawings for different constructions, and calculate the stability required in the various parts.

(C) ARCHITECTURE.*

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern styles of public and private buildings Plans, elevations and perspective drawings of various kinds of buildings are made by students.

MACHINES AND MACHINERY.

The subject embraces the gearing of machinery, study of various machines in detail, construction of mill-work, and a course in design.

HYDRAULIC ENGINEERING.

In this branch of the subject are taught the methods of collecting, conveying and distributing water for city supplies and manufacturing purposes; construction of reservoirs and sewers; theory of river and coast improvements, and theory of Hydraulic motors.

ENGINES.

The student has his attention drawn to the mechanism, working and use of various kinds of steam and gas engines, locomotives, etc.

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* Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.

(M) MINING.*

Here are studied the various operations of sinking vertical and inclined shafts, and driving tunnels; the means of ventilating mines—the machinery used; and the estimation of costs in working a mine.

(M) UNDERGROUND SURVEYING.*

Under this head are taught the methods of laying out work underground, and the construction of lines of communication beneath the surface.

(M) UNDERGROUND STRUCTURES.*

In this subject the attention of the student is called to the constructions that are necessary in mining, and, as far as possible, an idea is given him of the circumstances on which these will depend, and the best means of securing stable structures in any given case.

DRAWING.

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. Students in the course of civil engineering pursue this branch throughout the entire three years; for those in Mining Engineering the subject is not carried to the same extent. But in both courses it is as far as possible made parallel with the above mentioned branches. Each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A commodious drawing room has been fitted up with the most approved style of furniture. But each student has to provide himself with suitable drafting instruments. The cost of such a set will be about fifteen dollars.

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* Subjects marked (M) are only required in the course of Mining Engineering.

FIELD WORK.

The Engineering Department is furnished with surveyor's and engineer's field instruments of the best construction. These are taken separately and explained to the class. Students are then required to apply their knowledge to the making of actual surveys, laying out and staking curves, running levels, calculating cuts, fills, etc.

This work, like the course in drawing, is more limited for the students in mining engineering, but for those in civil engineering it extends through the entire course. Students in each class are required to show skill and ability for the performance of the field operations of their profession.

TEXT BOOKS AND WORKS FOR REFERENCE.

Warren's Course—Including "Free Hand Drawing. Elementary Plane Problems.
Elementary Projection Drawing. Descriptive Geometry. Shades and Shadows.
Linear Perspective." Troutwine's Pocket Book.
Smith's Topographical Drawing. Barry's Railway Appliances.
Rankine's Works—Civil Engineering, Machinery and Mill Work.
Mahan's Civil Engineering. Vose's Manual for Railway Engineers.

Additions will be given in the form of notes on points where they are deemed necessary.

DEPARTMENT OF MUSIC.

Miss FANNIE LOCKHART.

PIANO-FORTE.

The course of instruction comprises four years. In case of close attention and extraordinary ability, on the part of the pupil, the required standard may be reached in less time.

FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercises, practice of the Scales and such intellectual studies as will prepare the pupil for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

SECOND YEAR.

Practice of the Scales; arpeggios, and studies of Czerny, Moschelles, Clementi, etc. and the easier compositions of Mozart, Clementi, Beethoven, etc.

THIRD YEAR.

Practice of the Scales, development of the trill, wrist practice, advance studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

FOURTH YEAR.

Studies of Cramer, Rubinstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven, etc.

Great care will be taken to develope a taste in the pupil for the purest and noblest order of Music.

VOICE CULTURE.

Development of a pure tone. Studies having for their object to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Lutgen, Rossini, Marchesi, Concone, Bordogni.

VIOLIN.

FIRST YEAR.

Practice of bowing, finger exercises, Mazas' Instructor.

SECOND YEAR.

Etudes of Dancla, and instructive arrangements from the Operas.

THIRD YEAR.

Kaiser's Etudes, Sonatas by Hayden, Schubert, etc.

FOURTH YEAR.

Kreutzer's Etudes, compositions by De Beriot, Kreutzer, etc.

TERMS.

TWO LESSONS PER WEEK.

Piano-Forte, primary pupils	$10 00	per term.
Piano-Porte, advanced pupils	15 00	per term.
Voice Culture, class of four, each	3 75	per term.
Voice Culture, class of three, each	5 00	per term.
Voice Culture, class of two, each	7 50	per term.
Voice Culture, private lessons	15 00	per term.
Violin, class of five, each	3 00	per term.
Violin, class of four, each	3 75	per term.
Violin, class of three, each	5 00	per term.
Violin, class of two, each	7 50	per term.
Violin, private lessons	15 00	per term.
Use of piano, one hour per day	3 50	per term.

One-half of tuition must be paid in advance, balance at the end of term.

No deduction will be made on account of absence from recitations, excepting in cases of prolonged sickness; then the loss will be shared equally between student and teacher.

Certificates of proficiency will be given.

No charge is made to the students for the following work:

The Preparatory Department will receive instructions in Vocal Music once a week.
Collegiates, vocal instruction once a week.
Advanced pupils in music, harmony once a week.
The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing, twice a week.
Orchestra meets for practice twice a week.

PREPARATORY COURSE.

Students are not admitted into this department until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Subtraction, Multiplication, Division, and first in order and in importance, notation and numeration. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of penmanship, and the spelling of ordinary words of the grade of the Fourth Reader.

In reading, the aim will be, first, to develop in the student a full, complete and definite idea of the meaning of the sentence; second, to obtain from the student a natural, easy and graceful expression of the entire thought, as expressed in the sentence.

Spelling will be required of students throughout the entire course, and an endeavor made to secure the correct use of letters and other marks in the formation of every word used.

English Grammar will be taught by requiring the students to form sentences of their own, as well as to analyze those of others. Thus Grammar and Composition will go hand in hand. The student will gradually be led from the simplest constructions to those the most difficult and abstruse. The instruction of the C class will be oral, but as the comprehension of the student enables him to use books to advantage, they will be placed in his hands.

In Arithmetic, processes precede principles, and the object will be to obtain, first, a full understanding of methods, then accuracy in work, and, finally, rapidity. Much parallel work is given. Each recitation will be conducted both orally and in writing. Arithmetic is completed in the A year.

In Algebra, students are required to master everything to equations of the second degree.

Oral geography will begin in the C class, with map drawing and familiar lessons concerning known localities, and as the comprehension of the student enables him to use text books to advantage, they will be placed in his hands. Map drawing will be continued until the course is finished. Drawing will be taught regularly only as applied to mathematics and sciences.

The course in Latin includes a thorough mastery of the 1st and 2nd books of Cæsar's Commentaries, as well as the principles of the grammar.

The Greek year is devoted to a mastery of inflections and elementary construction. Students are exercised by frequent translations from English into Greek and Latin.

TEXT BOOKS.

Reading—Appleton. Penmanship—Spencerian. English Grammar—Reed & Kellogg.
Arithmetic—White. Geography—Monteith. Latin.
French. German. Algebra—Peck. Greek.
English Composition—Hart. United States History—Ridpath.

GENERAL INFORMATION.

This institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

AIM OF THE UNIVERSITY.

The aim of the University is to comply strictly with the Acts of Congress and the General Assembly of this State, providing for and establishing it; and in order to this end, the University is "to teach such branches of learning as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

LOCATION.

The Arkansas Industrial University is located within the corporate limits of the town of Fayetteville, Washington county. The location is thought to be unsurpassed by any other locality in the State, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

TERMS AND VACATION.

The Scholastic year of the University consists of two terms of thirteen weeks each, and one term of fourteen weeks. There is no vacation between terms.

CALENDAR.

The terms commence and end as indicated by the following:

Calendar For the Scholastic Year 1881-82.

The Autumn Term will commence on the 5th of September, 1881, and close December 2nd, 1881.

The Winter Term will commence December 5th, and close March 3d, 1882.

The Spring Term will commence March 6th, 1882, and close June 8th, 1882.

HOLIDAYS.

On motion of Trustee Gregg, the following resolution was adopted by the Board of Trustees:

Resolved, that we are of the opinion, that giving too many holidays in term time, has a great tendency to demoralize the classes of the University, and the Faculty are directed to allow Christmas and Thanksgiving as holidays, but no days for decoration.

DEMERIT AND GRADING SYSTEM.

All violations of University Law, and all neglects of duty, bring upon the student a certain number of demerits proportional to the gravity of the offence, and 200 of these demerits will dismiss him. Every recitation of each student is marked according to its merit, using 100 as the maximum, and the average of all these marks is compounded with the examination and conduct marks, so as to determine the general or final average, and in making up the averages, each study counts in proportion to the number of recitations for the week, while conduct counts with the study taken the greatest number of times per week.

Each demerit received for the term takes off one-half of one from the deportment mark, thus, if a student have ten demerits, his deportment mark will be 95, which counts as a study mark.

The first man in each class of the Collegiate Department is indicated in the catalogue by the number 1, and the second by number 2, etc., etc.

REQUIREMENTS.

UNIFORM FOR LADIES.

For females, during the warmer seasons of Spring and Summer, pink dresses of calico, chambrey, gingham or muslin; white aprons and blue sun-bonnets. For winter, black dresses, white aprons, and scarlet zephyr hoods in severe weather, both for school and sabbath wear; the blue sun-bonnets and hats may be worn in milder weather; black wraps, sailor hats for children of 12 years and under; gipsy bonnets for older girls and young ladies; these bonnets to be of straw for spring, and felt for winter. The graduating costume: white dresses, of light filmy fabrics, such as Swiss, Bishops, or Mull Muslins; these dresses to be made without trains. All dresses are expected to be trimmed neatly and tastily, but not extravigantly. Every girl should be provided with a comfortable water-proof, a pair of arctic shoes, and an umbrella, each of which should have her name indelably attached to it.

The above uniform is obligatory on all lady students.

FOR GENTLEMEN.

A nice suit of cadet gray, with brass buttons, and black trimmings. This dress is obligatory on all males.

The following is the description:

Coat—(Full Dress); Frock, of cadet gray material; single breasted; nine buttons in front, four buttons on skirt in rear, three small buttons on each cuff. The skirt to extend from one-half to three-fourths the distance from the hip-joint to the bend of the knee. Coat to be piped with black; standing collar, not less than one nor more than two inches in width, of black cloth, cut square to hook close in front. Skirt of coat on each side of spring behind, to be faced with black cloth; two bands of black cloth, one-half inch in width, and one inch apart, on each sleeve, two and one-half inches from the end.

Blouse—(For Squad and Company Drill, and other duty when authorized by proper authority, and for ordinary wear): A sack coat of a good article of cadet gray, falling collar, single breasted, with five buttons in front, and three on each cuff; the skirt to extend from one-third to two-thirds of the distance from the hip-joint to the bend of the knee; no outside pockets; piped with black.

Pantaloons—To be cadet gray, same material as coat, with stripe of black cloth one inch wide down outside seam.

Forage Cap—Dark blue cloth, according to pattern, with initials "A. I. U.," surrounded by wreath, all in silver.

Cadets acting as officers and non-commissioned officers shall be designated by the following badges:

Captain—Chevrons of four bars of black cloth one-half inch in width, on each arm above the elbow, point up.

Lieutenant—Chevrons of three bars, same material and pattern.

Adjutant—The Lieutenant's chevron with an arch.

Quartermaster—The Lieutenant's chevron with a horizontal bar.

Sergeant—Chevrons of two bars, same material and pattern, point down.

First Sergeant—Sergeant's chevron, with a lozenge.

Color Sergeant—Sergeant's chevron, with a star.

Corporal—Chevrons of one bar, same material and pattern.

Color Corporal—In addition to Corporal's chevrons, will wear upon both sleeves a star of black cloth, two inches in diameter.

Such uniform can be obtained in Fayetteville, and will be found more healthful and cheaper than ordinary clothing.

REQUIREMENTS

Students in all departments of the University are required to pursue not less than three distinct studies, and no student can drop or change studies without permission of the Faculty.

All beneficiary and normal students should be present at the opening of the Autumn Term; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations, and all other duties, are made the conditions of every student's continuance at the University.

RELIGIOUS AND MORAL CULTURE.

Religious services are held every morning and evening in the chapel.

All students are required to attend these exercises, and also to attend the Bible Class, the exercises of which are held in the chapel on Sunday. Opportunities are afforded for attending church, and students are expected to attend the one of their choice at least once on the Sabbath.

Will parents see that their children are furnished with Bibles on leaving home for the University?

Officers and Members of the Young Men's Christian Association of the Arkansas Industrial University.

Prof. G. W. DROKE, President.
R. R. MOORE, Vice-President.
O. C. BATES, Secretary.
T. F. OATES, Treasurer.

MEMBERS.

Rev. G. W. Hill,
P. B. Adair,
E. M. Hall,
T. C. Terpin,
J. O Davison,
I. H. King,
R. A. C. Wright,
H. D. Reinhardt,
Prof. H. M. Welch,
W. C. Adair,
W. H. Donohoo,
I. F. Smith,
W. C. Wallis,
J. D. McCoullough,
W. H. Woodall,
B. S. Pearce,
E. B. McCall.

EXPENSES.

Board, including fuel, lights and washing, is obtained from $10 to $12 per calendar month.

Day boarding can be had for from $7 to $8 per month.

All Beneficiary and Normal Students, on entering the Preparatory Department, and all *new* students, on entering any of the Collegiate Departments, are required to pay a matriculation fee of $5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of $10 per term, invariably in advance.

No student will be enrolled till all fees are paid.

Text books can be purchased in Fayetteville at publisher's prices.

On motion of trustee Hill, the Board of Trustees adopted the following:

Resolved, That hereafter no tuition fees will be returned except for sickness, and then for a period not less than twelve weeks.

BOARDING HOUSES.

Students are required to board at such places as are selected by the Faculty, and are under the supervision of the President of the University. No change of boarding-house will be allowed, except at the end of each term, unless under extraordinary circumstances, nor without the permission of tho President. This regulation does not apply to students who are residents of Fayetteville, but the parents of such students are expected to see that they conform to the regulations of the University.

On motion of trustee Dinsmore, the following was adopted by the Board:

Resolved, That the vacation of rooms heretofore occupied by students performing janitor and fire corps duties be hereby ordered, and no one, except such professors as may desire it, and janitors, will be permitted to occupy rooms in the new building.

LABOR.

The farm is small, and affords but little remunerative labor. Students should not come here with the expectation of steady employment. While it is true that several students have paid their entire expenses in school by labor, it was done only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from eight to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

MEANS OF REACHING THE UNIVERSITY.

Students may reach Fayetteville from the south by a daily line of stages from Alma, and from the north by daily trains upon the Arkansas Branch of the St. Louis and San Francisco Railroad, which will be completed to the Little Rock and Ft. Smith railroad, on the south, by May, 1882.

Students on arriving at Fayetteville must report at once to the President of the University, and will be held responsible for their conduct from the time of their reaching Fayetteville, as much so as though already enrolled.

DEGREES.

Students who have successfully completed the Classical Course are entitled to the degree of Bachelor of Arts; those who have completed the Scientific Course, to the degree of Bachelor of Science; those who have completed the course of Agriculture, to the degree of Bachelor of Agriculture; those completing the course of Civil or Mining Engineering, to the degree of Civil or Mining Engineer; those completing the course of Latin Letters, to the degree of Bachelor of Latin Letters; those completing the course in Modern Languages, to the degree of Bachelor of Letters; those completing the course of English Letters, to the degree of Bachelor of English Letters.

Satisfactory examinations are required in all the studies of the several courses, in order to obtain the recommendation of the Faculty for the degrees indicated.

ORATORICAL CONTEST.

The Board of Trustees, at their June meeting, abolished all previous legislation regarding prizes, and adopted the following:

Resolved, That hereafter the Faculty of the University select from the Junior Class two young men who have attained the highest class standing during the year, who shall be known as Class Orators; also, that the Philomathean, Euphradian and Mathetian societies each select one of their number, who is a member of the Junior Class, to represent them as orators during commencement week.

PRIZES.

Mr. B. H. Stone, of Fayetteville, gives annually a gold medal, valued at $25, for the best essay written by a student of the University; the Faculty of the University selects the subject, and prescribes the method of competition.

The members of the Board of Trustees have also offered prizes in cash on competitive examination among the students taking the Agricultural Course. For the best essay "on the agricultural resources of the State," the first prize will be $25; for the second best, the prize will be $10.

D. Appleton & Co., of New York, offer a prize of $25 to that Senior who has taken the highest standing in Mathematics dnring the four years of the Collegiate Course.

Dr. J. F. Simonds, of Fayetteville, offers a gold medal, valued at $25, to be awarded to the best reader of the Preparatory Department, at the commencement exercises, June, 1882; the contest to be public in the chapel, between four students of the Preparatory Department, two males and two females, selected by the Faculty, the Board of Visitors to act as judges.

PRIZES.

Prizes for the year 1879–80, were awarded as follows:

The Gold Medal, for best oration, to Mr. W. H. Langford, ElDorado, Union county.

The Stone Medal, for best essay, to Mr. T. B. Kitchens, Jonesboro, Craighead county.

The Harvey Botanical Prize—a copy of LeMaout & Decaisne's Descriptive Botany—, to Mr. F. W. Ellis, Fayetteville, Ark.

Prizes for the year 1880–81, were awarded as follows:

The Gold Medal, for best oration, to Mr. J. B. McDonnough, Charleston, Ark.

The Stone Medal, for best essay, to Mr. J. A. M. Lanier, Mountain Home, Ark.

Appleton Prize, for highest standing in mathematics, to Mr. J. J Watson, Fayetteville, Ark.

Gold Medal, for best declamation, Mr. C. D. Greaves, Hot Springs, Ark.

Gold Medal, for second best declamation, to W. C. Adair, Ash Flat, Sharp county, Ark.

On motion of Trustee Gregg, Col. John M. Harrell, of Hot Springs, was appointed to present the prize medals to the successful competitors, for the year closing June 16th, 1881.

PROCEEDINGS OF THE ALUMNI ASSOCIATION.

At the fourth annual meeting of the A. I. U. Alumni Association, held at the University Chapel, June 9th, 1881, the following, among other items of business, was transacted: Prof. Droke introduced the following resolution, which was discussed by Messrs. Floyd, Watson, Taylor, and Miss Putman.

Resolved, That a committee of three be appointed to draft resolutions, endorsing the Professors of the A. I U., in endeavoring to maintain a high standard of scholarship. *Passed unanimously.*

The chair appointed Profs. Drake and Watson, and Miss A. E. Putman, as said committee.

The committee made the following report:

Whereas, It has come to our knowledge, that seeming dissatisfaction has arisen with some of the patrons and students of the A. I. U.. on account of the failure of some of the students of the University to be passed from class to class, and graduated at the end of four years; such patrons and students not seeming to consider that all youth are not equally well endowed, and they are not equally studious, and further, that the members of the faculty are the recognized judges in all matters of scholarship, within the University.

Whereas, We learn that there have been expressions of discontent on the part of the members of certain classes of the A. I. U., because of the elevation of the standard of work required for graduation, and whereas, we also learn that a memorial has been presented by said students to our Hon. Board of Trustees, praying their interference.

We, the Members of the Alumni Association of A. I. U., feeling a personal interest, both as citizens of the State of Arkansas, and as the Alumni of the University, in the maintenance of a high grade of scholarship; therefore, be it resolved, that we most heartily endorse the Professors of the A. I. U., in earnestly endeavoring gradually to elevate the standard of scholarship, and in requiring each student to come fully up to the acquired standard, before he is permitted to take his degree.

Resolved, That we sincerely beg of our Honorable Board of Trustees, that they continue, as heretofore, to recognize ripe scholarship, fidelity in discharge of duty, and fixedness of purpose in the work of professors, and not personal popularity, as the true qualities of the teacher; and further resolved, that the foregoing preamble and resolutions be entered in full on our records, together with the minutes of this meeting.

J. N. TILLMAN, PRESIDENT.

E. B. CARDEN, Secretary.

LITERARY SOCIETIES.

Three Literary societies ("Mathetian" "Philomathean" and "Euphradian,) have been organized by students of the College proper, and are in successful operation; the last is composed exclusively of young gentlemen. The preparatory Department, also, has four societies, the "Phamakoptan," the "Cleosophic," "Kalligenian," and "Alethian."

CONTRIBUTIONS.

Contributions are solicited for our Library, Reading Room, Laboratory and Museum.

Any book, paper or manuscript of historical or other value; any piece of chemical, philosophical or mechanical apparatus; any ores, crystals, precious or valuable stones, vegetable or animal fossils, or any other thing that will be a source of information to our students, will be thankfully received.

We hereby designate and request County Superintendents of Public Schools to take charge of and forward to the University, by students or others who may be coming, any of the above named donations.

We shall be glad to receive and file all daily and weekly newspapers of the State, also the religious newspapers which may best represent the several religious denominations of the country.

Any one desiring information about plants, animals or fossils, which they have procured in the State, are solicited to send good specimens to Prof. F. L. Harvey, Fayetteville, Arkansas. Desirable specimens will be placed to the credit of the donor in the University museum, and due acknowledgement made in the catalogue.

LIBRARY AND READING ROOM.

The University Library, containing 1476 volumes, comprises some valuable works, and additions are constantly being made. About one hundred new volumes have been added this year.

Nearly all of the newspapers of the State are kept on file in the Library, and students have access to them as well as the books, at certain hours, each day. No Library fee is charged. Books can be taken from the Library, under proper restrictions, by the students.

The following named papers and periodicals have been furnished to the Library of the Univerity, either by the publishers or by friends of the University:

Wheeler's Independent, Fort Smith, Ark.
Fort Smith Elevator, Fort Smith, Ark.
Russellville Democrat, Russellville, Ark.
Southwestern Presbyterian, New Orleans, La.
Western Methodist, Little Rock, Ark.
Christian Observer, Louisville, Ky.
Central Presbyterian, Richmond, Va.
Christian Advocate, Nashville, Tenn.
Weekly World, Helena, Ark.
The Argus, Van Buren, Ark.
Van Buren Press, Van Buren, Ark.
White County Beacon, Searcy, Ark.
Weekly Arkansas Gazette, Little Rock, Ark.
Arkansas Democrat, Little Rock, Ark.
Temperance Banner, Little Rock, Ark.
Little Rock Chronicle, Little Rock, Ark.
Arkansas School Journal, Little Rock, Ark.
Batesville Guard, Batesville, Ark.
College Quarterly, Ames, Iowa.
Ozark Democrat, Ozark, Ark.
The Monticelloian, Monticello, Ark.
Independent Arkansian, Dardanelle, Ark.
Western Immigrant, Dardanelle, Ark.
Harrison Times, Harrison, Ark.
Musical Record, Boston, Mass.
Arkansas Sentinel, Fayetteville, Ark.
Fayetteville Democrat, Fayetteville, Ark.

Howard County Telephone, Center Point, Ark.
Cherokee Advocate, Tallequah, Cherokee Nation:
Osceola Times, Osceola, Ark.
Weekly Advance, Bentonville, Ark.
Alma Independent, Alma, Ark.
Arkansas Watchman, Beebe, Ark.
Prairie County Appeal, Des Arc, Ark.
Prescott Dispatch, Prescott, Ark.
Marianna Index, Marianna, Ark.
Malvern Meteor, Malvern, Ark.
The State, Morrillton, Ark.
Log Cabin, Conway, Ark.
Waldron Reporter, Waldron, Ark.
New Departure, Carlisle, Ark.
Paris Express, Paris, Ark.
Southwestern Press, Washington, Ark.
American Journal of Education, St. Louis, Mo.
Weekly Ohio State Journal, Columbus, Ohio.
Arkansas Mining Journal, Silver City, Ark.
Woodruff County Vidette, Augusta, Ark.
Athens News, Athens, Ark.
Locksburg, Alliance, Locksburg, Ark.
Engineering and Mining Journal, New York.

THE FOLLOWING IS A LIST OF PERIODCALS PURCHASED FOR THE LIBRARY.

St. Nicholas, (monthly.)
Littell's Living Age, (weekly.)
North American Review, (monthly,)
Popular Science Monthly, (monthly.)
Harper's Monthly, (monthly.)
Scribner's Monthly (monthly.)
New York Herald, (daily.)

New York Evening Post, (weekly.)
Scientific American, (weekly.)
Chemical News, (weekly.)
American Naturalist, (monthly.)
Gardener's Monthly.
Rural New Yorker, (weekly.)
Prairie Farmer, (weekly.)
American Agriculturist, (monthly.)
Sunday School Times, (weekly.)

SUMMARY PERIODICAL LITERATURE.

Magazines, Monthlies	9
Magazines, Weeklies	10
Newspapers	48

DONATIONS HAVE BEEN MADE TO THE LIBRARY,

During the year, ending June 9th, 1881, by

United States Government.—Valuable Government Documents and Reports.

Hon. T. M. Gunter, Ark.—Geology of High Plateaus of Utah, with Maps.

Hon. T. M. Gunter, Ark.—Memorial of Henry Smith.

Jos. H. Stirman, Ark.—U. S. Naval Expedition to the South Pole, during 1849–52.

Jos. H. Stirman, Ark.—Commercial Relations of the U. S.

Jos. H. Stirman, Ark.—Report of Total Eclipse, of Aug. 7th, 1869.

Jos. H. Stirman, Ark.—U. S. Japan Expedition, Vol. 3.

Hon. T. C. Abbott, Mich.—Report of Commissioner of Education, 1878.

Hon. T. C. Abbott, Mich.—Report of Michigan Board of Agriculture, 1879.

Prof. F. L. Harvey, Ark.—Fur Bearing Animals.

W. H. Duncan, Ark.—English Literature. Taine.

Smithsonian Institution.—Miscellaneous Collections. Vols. 1–21.

Smithsonian Instiution.—Report 1879.

Charles H. Gordon, Va.—Valuable Books from library of the late Prof. J. B. Gordon.

Hon. T. M. Gunter.—Report of the U. S. International Exhibition, 1876. (8 vols.)

Hon. T. M. Gunter.—Report of Light House Board, 1880.

United States Government.—Report of Commissioner of Education, 1878.

CONTRIBUTIONS TO COLLECTION OF STATE MINERALS.

COUNTY.	CONTRIBUTOR.	MINERALS.
Benton	E. P. Lee and J. B. McDonough	Calcite, stalactites and stalagmites.
	C. G. Thompson	Arragonite, carbonaceous limestone, pyrites.
Boone	J. W. Cowdrey	Zinc ores.
Carroll	Judge Pittman	Galena.
	G. W. Dale	Zinc and copper ores, galena, pyrites, calcite, marble.
	Prof. N. P. Gates	Marble.
Crawford	G. C. Thayer	Native minerals (12).
Garland.	Mr. Brown	Tufa.
	Mr. Woolman	Dendrites, novaculite, rock crystal.
	Dr. Hobson	Indian relics.
	By Professors	Tufa (6 varieties), manganese ores, novaculite (12 varieties), whetstones (manufactured).
Hot Spring (Magnet Cove.)	By Professors	Magnetite, menacanite, rutile, brookite, arkansite, perofskite, schorlamite, black garnet, tourmaline, lydian stone, elaeolite, wavelite, feldspars (sodium and potassium), mica crystalized), green and yellow, calcite (metalliferous, epidote, pyrites (iron), syenite, smoky quartz, flints.
Howard	Dr. E. W. McCrary	Copper and iron ores, stibnite, metalliferous quartz, gypsum, celestine, carbonaceous limestone, lignite, kaolin, corundum.
Independence	B. P. Carney	Native minerals.
Madison	Mr. Kelley	Zinc ores, dolomite.
	Mr. Adair	Dolomite—polished.
Montgomery	Dr. G. W. Lawrence	Wavellite, rock crystal—handsome specimens.
	Messrs. Alexander, Rindekoff, Reynolds, Blish, Sargent and O'Connell—collected from mines by Professors	Valuable collection of gold, silver and lead ores, with the associated gangue rocks and clays, representing products of the Silver City mining region.
	Col. T. M. Johnston	Rock crystals—large collection.
	Messrs. Jarrell, Bostick and Jones	Native minerals.
(Crystal Mount.)	By Professor	Rock crystal—valuable specimens.
Ouachita	Col. James Hill	Lignite.
Pulaski	J. C. Peay	Manganese ore.
	Mr. Hook	Kellogg mine ores.
	Col. Fletcher	Native minerals.
Randolph	J. C. Peay	Galena, zinc ore, micaceous iron ore, kaolin, lignite.
	Jones & Isaminger	Pyrites—iron
Sevier	J. C. Peay	Galena.
Sharp	Ex-Gov. Miller	Galena.
Union	Mr. Montgomery	Petrifactions.
Washington	Mr. Buckner	Silicious clay.
	Mr. Hall	Copper pyrites.
	By Professors	Limestones and clays.

☞ Prof. Conrad, who is making this collection of State Minerals for the University, will be glad to communicate with any person in the State having minerals, ores, building-stones, clays, etc., which they may be willing to contribute. As far as his time and the facilities afforded by the University will allow, he will answer questions in regard to specimens sent, and will publish the analyses when they may prove of interest.

CONTRIBUTIONS TO COLLECTIONS.

The following contributions have been made to the Museum and Cabinets during the year:

CONTRIBUTIONS TO GENERAL CABINET.

REGION.	CONTRIBUTOR.	MINERALS.
Iron Mountain, Mo...	C. A. Pilley, Sup't..........	Specular ores, 3 grades, jigged ores, 5 grades, ochre, 2 grades, specular ore with apatite, furnace slags, 6 varieties, sandstone, quartz.
Pilot Knob, Mo.......	Messrs. Countryman and O'Leary.................	Hematite, 2 grades, porphyry, slags.
Joplin, Mo......... ..	Col. Fletcher................	Zinc ore.
Colorado.............	Mr. Butler	Gold and silver ores, 17 specimens.
	J. B. McGinty............	Native minerals.
Georgia	J C. Peay..................	Gold ore.
Mexico................	J. C. Peay..................	Silver and copper ores.
Montana.........	E. C. Freyschlag..........	Superb specimens of native silver.

CONTRIBUTIONS TO BIOLOGICAL DEPARTMENT.

REGION.	CONTRIBUTOR.	MINERALS.
Hempstead county...	Col. Gratiot................	Indian relics, fossil bones, and petrified wood.
Hempstead county...	Annie and Pinckney Carigan.......................	Indian relics and fossils—several fine specimens.
Atlantic coast	Carl Gray...................	Snouts of sword fish.
Washington county..	W. R. Skelton..............	Fossils.
Jefferson county... .	Miss Belle King..	Fossils—shark teeth, vertebra and mollusks.
Washington county..	Miss Lula Gordon.	Fossils.
Indian Territory......	Miss Annie Putman........	Fossils.
Franklin county......	Henry Stroup	Large rattlesnake and human fœtus.
Texas............. ...	C. S. Keeney...............	Fossils.
Boston................	C. S. Sargent..	Set of wood specimens of U. S. forest trees.

ANALYTICAL WORK OF 1880-81, BY PROF. CONRAD AND MR. R. O. HERBERT.

SUBSTANCE.	LOCALITY.	CONTRIBUTOR.	ANALYSES.	RESULTS.
Stibnite	Howard county	Dr. E. W. McCrary	1..Quantitative	Antimony, 554 oz. per ton.
Silver ore, 1	Montgomery county.	Mines—surface	1..Quantitative	Silver, 9.55 oz. per ton.
Silver ore, 2	Montgomery county.	Mines—surface	10..Quantitative	Silver, 10 oz. per ton.
Silver ore, 3	Montgomery county.	Mines	4..Quantitative	Silver, 13.5 oz. per ton.
Silver ore, 4	Montgomery county.	Mines	4..Quantitative	Silver, 65.14 oz. per ton.
Silver ore, 5	Montgomery county.	Mines	2..Quantitative	Silver, 47.63 oz. per ton.
Galena	Carroll county	Judge Pittman	2..Quantitative	Lead, 60.55 p. c.
Manganese ore	West Virginia	C. F. Conrad	6..Quantitative	MnO_2, 87.12 p. c.
Manganese ore	Pulaski county	J. C. Peay	3..Quantitative	MnO_2, 42.07 p. c.
Mineral	Crawford county	Geo. C. Thayer	1..Qualitative	Pyrites of iron.
Mineral	Independence Co.	B. P. Carney	1..Qualitative	Pyritiferous gravel.
Well water	Poinsett county	S. J. Coker	1..Qualitative	Lime, magnesia, potassa and soda, (iron—a trace); as carbonates, chlorides and sulphates. SiO_2 free, organic matter.
Spring water, No. 1.	Franklin county	Dr. Stroup	1..Qualitative	Lime, soda, potassa, iron, as carbonates and chlorides. SiO_2 free, small quantity
Spring water, No. 2.	Franklin county	Dr. Stroup	2..Qualitative	Soda, potassa, lime, as carbonates and chlorides.

SUMMARY.

Quantitative analyses	33.
Qualitative analyses	6.

CABINET AND MUSEUM.

The Cabinet of Minerals consists of a collection of State Minerals, contributed by various parties of the State, and the Professors.

The private collections of the Professors—amounting to several hundred specimens—are at the disposal of students, for study.

The University has but few specimens from outside the State.

The College has no Herbarium, but the collection of the Professor, amounting to 1200 species, is used to illustrate Botany.

There are about 500 species of Animal Specimens, to illustrate the various departments of Zoology.

The collections for illustrating the subject of Geology, are meagre.

Collections in all the departments are slowly accumulating.

Appropriations, made by the Board of Trustees, at their June meeting, will enable the Professor to make many valuable collections during the coming year.

The Biological Department of the University, is under obligations to Col. A. W. Soper, Col. Theo. Hartman, Col. J. A. Woodson, Col. C. W. Rogers, and General Manager E. K. Sibley, for passes over their respective Railroads, by the aid of which, the Professor in charge will be able to visit distant portions of the State, and collect specimens for the Museum.

APPARATUS.

The University has been supplied with some excellent philo sophical apparatus. Other additions will be made to this, and also to the chemical department, which is already in efficient operation.

APPOINTMENT OF BENEFICIARIES.

All appointments should be completed, if possible, before the opening of the autumn term The County Judges, who make the appointments, should prepare duplicate notifications of appointment, one of which will be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such a failure, who will make another appointment as soon thereafter as possible, and such other appointee will be required to appear at the University as soon thereafter as possible. The President of the Faculty shall continue to notify appointing officers till their respective number of appointees make their appearance at the University.

NUMBER OF BENEFICIARIES.

It is provided in Section 18 of the Act of the General Assembly, establishing the University, that the Board of Trustees, shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which pupils who are to be admitted free shall be elected equally from the various parts of the State." They have, therefore, made provisions for 350 Beneficiaries, who will be entitled to four years free tuition, and 237 Normal students, who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1870, which apportionment is as follows:

COUNTIES.	No. of Beneficiaries entitled to.	No. of Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.	COUNTIES.	No. of Beneficiaries entitled to.	No. of Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.
Arkansas	3	2	3	2	Lee	3	2	1	1
Ashley	4	3	4	3	Lincoln	4	3	1	3
Baxter	3	2	3	2	Little River	3	2	2	2
Benton	10	6	5	4	Logan	3	2	1	2
Boone	3	2	3	2	Lonoke	3	2	3	2
Bradley	4	3	4	3	Madison	4	3	0	2
Calhoun	3	2	3	2	Marion	3	2	3	2
Carroll	3	2	3	2	Miller	3	2	2	2
Chicot	6	4	5	4	Mississippi	3	2	3	2
Clark	7	5	5	5	Monroe	6	4	1	4
Clay	3	2	1	2	Montgomery	2	1	1	1
Columbia	6	4	0	3	Nevada	3	2	2	2
Conway	4	3	3	3	Newton	3	2	3	2
Craighead	3	2	3	2	Ouachita	9	6	9	6
Crawford	6	4	4	4	Perry	2	1	1	1
Crittenden	3	2	3	2	Phillips	9	6	9	6
Cross	3	2	3	2	Pike	3	2	3	2
Dallas	3	2	2	2	Poinsett	2	1	2	1
Desha	3	2	2	2	Polk	3	2	3	2
Dorsey	3	2	3	2	Pope	6	4	5	3
Drew	6	4	5	4	Prairie	6	4	4	4
Faulkner	3	2	1	1	Pulaski	21	14	8	14
Franklin	6	4	1	3	Randolph	4	3	4	3
Fulton	3	2	3	2	Saline	3	2	1	2
Garland	3	2	0	0	Scott	4	3	1	1
Grant	3	2	3	2	Searcy	3	2	3	2
Green	4	3	4	3	Sebastian	9	6	7	2
Hempstead	9	6	5	6	Sevier	3	2	2	2
Hot Spring	4	3	1	3	Sharp	4	3	1	3
Howard	3	2	3	1	St. Francis	4	3	1	3
Independence	9	6	7	6	Stone	3	2	3	2
Izard	4	3	4	3	Union	7	5	6	5
Jackson	4	3	3	3	Van Buren	3	2	3	2
Jefferson	10	7	7	7	White	7	5	5	5
Johnson	6	4	3	4	Woodruff	6	4	3	4
Lafayette,	3	2	1	2	Washington	13	8	0	0
Lawrence	4	3	4	3	Yell	6	4	3	4

There is also "one Honorary Scholarship" to each county, to be selected for superior merit and proficiency from the public schools of each county, according to Section 2, of Act July 23, 1868.

QUALIFICATIONS.

The attention of County Judges is called to the fact that *neither Normal nor Beneficiary Students will be admitted, unless they have the following qualifications:*

Students are not admitted into the University, until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Multiplication, Division, and first in order and importance, notation and numeration. In reading, they must be able to understand and intelligibly render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, and the rudiments of Penmanship and spelling of ordinary words of the grade of the Fourth Reader.

The sole object of the Normal Department being the training of teachers for the Public Schools of the State, the attention of County Judges is respectfully called to the following considerations:

Only such persons should be appointed to this department as really intend to teach, and if possible, those who have had some experience in teaching.

All who enter this department, will be required to take the course in training prescribed, to fit them for teaching.

INDIGENT STUDENTS.

By a resolution adopted by the Board of Trustees, at their June meeting, 1881, the Faculty are authorized to give *free tuition* to 60 students from different parts of the State, requiring only the matriculation fee of $5.00.

These appointments are distinct from the Beneficiary and Normal appointments made by County Judges, and give so many additional free scholarships to the University.

A SPLENDID OFFER.

The Trustees of the Arkansas Industrial University have fitted up the old building as a steward's hall. A steward has been elected, who will receive at his table thirty-eight students in the building, at reduced rates, at $7 per month, giving them good, healthy, but not luxurious food. There will be a saving to each boarder of about $60 in the session. Students who expect to get into the steward's hall, must be on the ground the first of September.

Students who enter rooms at the Steward's Hall are required to take their meals there, and provide themselves with room furniture, bedding, lights and fuel, and to be orderly and cleanly.

On motion of Trustee Thompson, Joseph Milligan was allowed to remain in the steward's hall, the coming year, and charge $7 a month for boarding students.

DEPOSIT FUND.

All students in Chemistry are required to make a deposit of $10 with the Secretary of the Board, to pay for chemicals, breakage, etc. So much of this sum as may be left after this outlay has been met, will be returned to each student.

PROPERTY AND FUNDS.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington county, and the town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to $300,000 in value.

The bonds of the county of Washington, $100,000 and of the town of Fayetteville, $30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have by the action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

ENROLLMENT.

Attention is called to the following resolution of the Board of Trustees:

Resolved, That the President of the Faculty require every student who appears at the University, to at once repair to the Secretary of the Board for enrollment, and that during the first week in each term he furnish the Secretary with a complete roll noting all Beneficiaries and Normals, and those in the Collegiate course, and that no student be allowed to recite with any class, or enter the University until properly enrolled.

DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow-students (even though he may be guilty of no gross violation of the College law), they may write his parents or guardian to withdraw him, and may proceed to dismiss him, should the request not be complied with.

The Faculty would advise parents to allow their sons but little pocket money. It has been well said in regard to students, that, "a pocket full of money and a head full of sense, are seldom found together. Money can be sent monthly for the payment of boarding and other necessary expenses. Postal orders can always be cashed at the post office in Fayetteville, The President of the Faculty cannot personally take charge of the financial affairs of students.

The following resolution was passed at the June meeting of the Board of Trustees:

Resolved, That the Board express their unqualified disapproval of the free and unrestrained social intercourse they learn exists between the male and female students of the University, and they hereby insist upon the Faculty instituting such measures as they may deem most wise, to control this question. The Board hereby authorize and empower the Faculty to vacate any boarding house that may fail to execute their orders.

The following was passed by the Board of Trustees, at their June meeting:

Resolved, That no student be permitted to attend parties, circuses, theatres, or any place of social amusement, except at the close of each term, when general permission will be granted to attend social parties.

Parents or guardians who do not expect their children or wards to conform to these requirements, are advised to send them elsewhere.

If at any time, the influences of boarding houses be found pernicious, boarders will be removed at the instance of the Faculty.

As discipline to be effective must be uniform, just, impartial and *final,* no appeals need be made after a decision of the Faculty, to procure a reversal of that action, unless new evidence can be produced or clear proof can be given of error in the testimony upon which the decision was procured.

WITHDRAWAL OF STUDENTS.

Parents, or guardians, who wish to withdraw their children or wards from the University, should write to the President of the Faculty, stating their wishes. Unworthy students, sometimes, deceive the Faculty by pretending that their parents desire them to return home. No honorable discharge will be given to a student under age, who is unable to produce the written application of his parent or guardian for his withdrawal. Nor will an honorable discharge be given to a student under censure of any kind; whether for neglect of study, neglect of duty, or other cause, even though he may have the consent of his parent or guardian, for his withdrawal from the University.

SELF GOVERNMENT.

To relieve the Faculty from the odium of espionage upon the students, the element of self government has been introduced into the University.

The discipline of the Institution is largely in the hands of the students themselves, through the monitorial system and the military feature.

The officers detailed for duty, have, with rare exceptions, proved efficient and faithful, showing neither fear nor favor. The obedience of the great mass of students, to the authority of their fellows acting in official capacity, has been cordial and sincere. The only trouble having been with ill-trained youth, who had never at home been taught to respect their parents or themselves. In fact, the general rule is, that the idle and disobedient at home, are idle and disobedient at school; while those who are comforts to their parents, are comforts to their teachers also. Insubordination in College is a necessary sequence of defective family government.

RESTLESSNESS.

The greatest obstacle to-day, in the way of successful educational work, is the restlessness and lack of persevering pluck in American youth. We find that the vast majority of our students do not come to the University with any thought of remaining until graduation, and many think they have accomplished wonders by remaining a single term of three months. Those who exhibit such a deplorable lack of pertinacity in youth, can scarcely be expected to succeed in after life. They will succumb under the first serious difficulty. Parents who yield to the importunities of their children to quit school, because of some discouragement, do thereby foster in them a weakness, which must be fatal to all vigorous manhood and healthful developement. We hope that the students who come up in September, will come with the determination to let no slight impediment turn them back from the path that leads to knowledge, honor, and usefullness.

The following resolution was passed by the Board of Trustees, at their annual meeting in June, 1881:

Resolved, That the Faculty have the sole power to regulate the time of meeting of Literary Societies, and all other matters exclusively educational in their character.

OF APPOINTMENT OF BENEFICIARY AND NORMAL STUDENTS.

As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of the County Court to the President of the University, and the Secretary of the Board of Trustees, upon the appointment of Beneficiary and Normal Students by the County Court, or the Judge thereof, in accordance with the sixth section of an act approved March 6, 1875:

[*Form 1—Appointment.*]

No............ [To be given to the student.]

ARKANSAS INDUSTRIAL UNIVERSITY.

To whom it may concern:

I hereby appoint .... of .... County, State of Arkansas, as a Beneficiary (or Normal, as the case may be,) to the Arkansas Industrial University.

Given under my hand, this .... day of ...., 188..

....

Send a notice like the following to the President of the University, and one to the Secretary of the Board of Trustees, at Fayetteville:

[*Form 2—Notice to President of University.*]

No...........

ARKANSAS INDUSTRIAL UNIVERSITY.

.... ARKANSAS,
.... 188..

To the .... *University*:

I hereby notify you that I have this day appointed..................................
of...................... County, State of Arkansas, as a Beneficiary (or Normal, as the case may be,) to the Arkansas Industrial University.

Given under my hand. this .... day of ...., 188..

....

AN ACT

To Regulate the Sale of Ardent Spirits Near the Arkansas Industrial University.

Be it enacted by the General Assembly of the State of Arkansas:

SECTION 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

SEC. 2. *Be it further enacted*, That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the county clerk of Washington county, and shall have the same duly recorded, which affidavit shall be in the following form: I, ———, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

SEC. 3. *Be it further enacted*, That no one shall be excused from the penalty of this act who may, contrary to its provisions, sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs, or vended as a medicine, except as provided in the foregoing sections.

SEC. 4. *Be it further enacted*, That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars; and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

BRANCH

NORMAL COLLEGE

—AT—

PINE BLUFF.

The Branch of the Normal Department of the Arkansas Industrial University was established by the General Assembly for the purpose of securing an adequate supply of properly trained teachers for the colored public schools of the State. Its terms, course of study, sessions, etc., correspond with those of the Normal Department at Fayetteville, and each county judge is entitled to appoint as many colored beneficiaries to the institution at Pine Bluff as his county is allowed, under the appointment, to send white ones to Fayetteville; consequently the two classes of appointments do not interfere with each other. The expenses of a student at Pine Bluff, for board and washing, need not exceed $12 per month, and a number of those who have heretofore attended have managed to reduce their expenses very materially by labor.

For further information address the Principal.

Prof. J. C. Corbin,
Pine Bluff, Ark.

THIRD ANNUAL ANNOUNCEMENT

AND

CATALOGUE

—OF THE—

Medical Department,

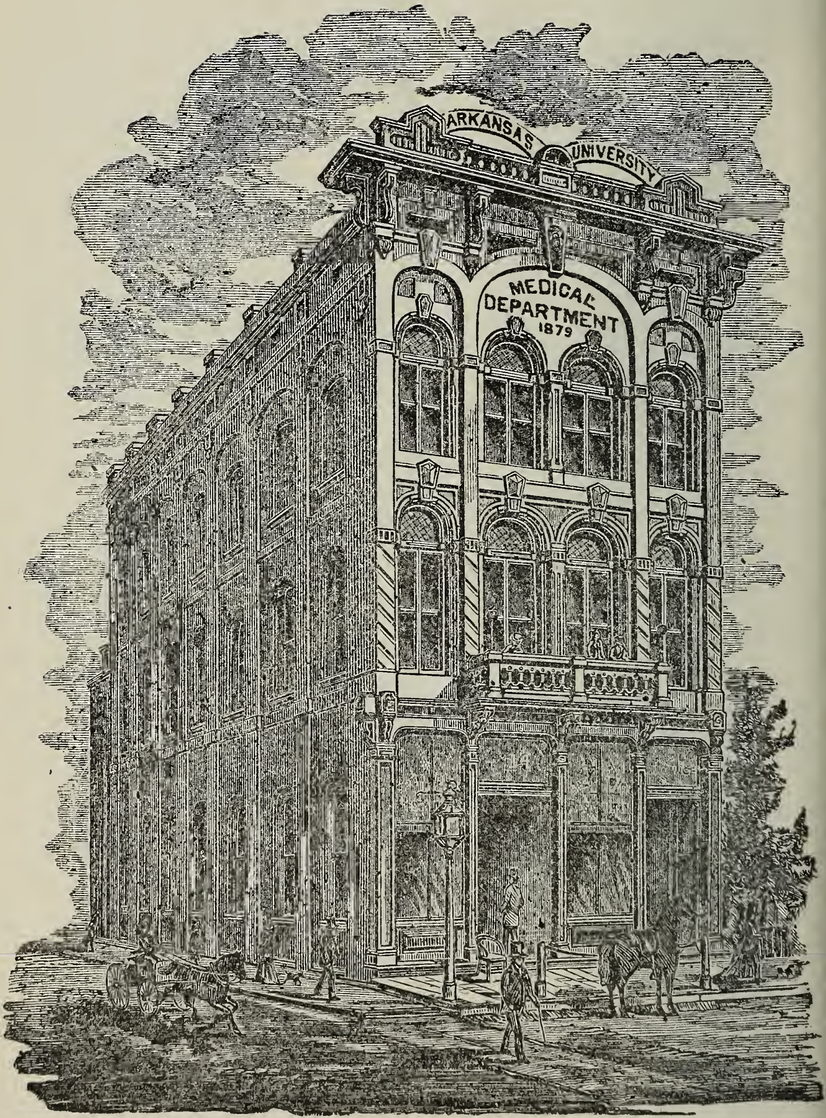
ARKANSAS INDUSTRIAL UNIVERSITY.

SESSION OF 1881--82.

LOCATED AT

LITTLE ROCK.

LITTLE ROCK:
MITCHELL & BETTIS, STATE PRINTERS.
1881.


ARKANSAS UNIVERSITY
MEDICAL DEPARTMENT
1879

THIRD ANNUAL ANNOUNCEMENT

OF THE

MEDICAL DEPARTMENT

ARKANSAS INDUSTRIAL UNIVERSITY.

This Institution, in issuing its Third Annual Announcement, takes this occasion, through its Faculty, to express its appreciation of the support and generous confidence of the medical profession, as evinced in the unanimous resolution of the State Medical Society of Arkansas, when in session at Little Rock, May 6th, 1880. This confidence is not altogether confined to the profession; for the Institution has received and is constantly receiving from officials and prominent citizens of the State, substantial and moral encouragement never anticipated at its organization.

The increased size of its class during the second course of lectures demonstrates this fact, and affords gratification, and assurance that the Medical Department has a bright future, and that the efforts of its Faculty have met with an honorable co-operation both in and out of the profession.

The Institution is in full membership and accord with the American Medical College Association, and, although the period of its requirement of a third course does not go into effect until 1882 and '83, yet the Faculty recommend students to avail themselves of the advantages offered in the extension to be adopted.

This Department of the University will afford the young men of the State and surrounding country, facilities for the study of the science of medicine, and all its collateral branches, at home, without the great expense incident to long distances of travel, and additional outlay unavoidable to students attending a course of medical lectures abroad.

LOCATION.

Little Rock is situated near the centre of the State. It has now direct railway communication with North, South, East and West. Other roads are in process of construction or projected, so that within a very limited period, railroads will centre in Little Rock from all sections of the State.

The city has, also, during one-half the year, splendid water communication. It has a population of nearly 25,000. It is built upon the south bank of the Arkansas River, upon a high, undulating bluff. Its drainage, therefore, is natural and perfect, and its healthfulness superior to any city west of the Mississippi River. In it epidemics of *any* character are unknown.

The Deaf Mute, Blind and Lunatic Asylums, State institutions, (the latter under construction), are located here.

SESSION OF 1879 AND '80.

The First Course of Lectures commenced the first week in October, 1879, and continued to the 3d day of March, 1880, and although a new institution, laboring under many difficulties, as all new departures generally do, we had *twenty-two* regular matriculates, *one* of whom received the degree of *Doctor of Medicine.*

The Second Annual Course of Lectures commenced on Tuesday, October 6th, 1880, and continued until March 2d, 1881—five months. There were *thirty-two* regular matriculates in this course, *ten* of whom graduated.

Both Classes were largely composed of students who had already been engaged in the practice of medicine; some for several years, and who, but for the establishment of a Medical College at home, would, in all probability, never have been stimulated to acquire a practical knowledge of even the fundamental principles of Medicine.

COLLEGE BUILDING.

The Faculty own their building, which is a large and commodious brick structure, with an iron and stone front.

It has one of the best arranged dissecting rooms in the country, well ventilated, and provided with all the modern conveniences.

The building is very conveniently situated, between Main and Louisiana, on Second street, and is in all respects well adapted for clinical and didactic instruction.

HOSPITAL.

The Hospital, under the management of the Ladies' Benevolent Association of the City of Little Rock, will afford ample material for all kinds of clinical instruction in medicine and surgery. The sick, injured and afflicted flock to this institution during the fall, winter and spring months, from every section of the country, and students will have an excellent opportunity to observe and study disease in all its various phases; as, also, to witness a large number of surgical operations.

The construction of a new City Hospital is in contemplation. This will increase the advantages of students.

ANATOMY.

The General Assembly of the State of Arkansas passed an act, in the winter of 1873, legalizing dissection. This act is a generous one. No State in the Union possesses a more liberal provision for the prosecution of the study of anatomy. Any amount of material can be procured *legally*, with but a nominal expense to the student. This item alone is one of no small consideration to any zealous laborer in this Department.

MEDICAL HYGIENE AND BOTANY.

Medical Hygiene has lately assumed such a prominence, both among medical and scientific investigators of the etiology of disease that a course of instruction has been inaugurated in the Medical Department of the Arkansas Industrial University on this important branch.

Medical Botany has also been added to our curriculum with a view of giving students a practical knowledge of the medical properties of the indigenous flora of the country.

A knowledge of Hygiene and Botany is considered a very essential qualification of the general practitioner, although not regarded with favor by a large majority of the medical colleges of this country, as *very* few of them give instruction in either of these useful branches.

CLINICS.

The past session has demonstrated the fact that there is an abundance of material in the city of Little Rock and surrounding country for all kinds of clinical instruction.

There will be a surgical clinic twice per week, which, in the number and variety of operations performed, will compare favorably with any of our larger institutions.

The Eye and Ear Clinic is particularly instructive and will embrace a very extended variety of diseases in this special department.

There will also be a Gynæcological Clinic. Clinical Medicine will receive special attention, and cases of all kinds of diseases will be practically exhibited and the treatment in each instance given.

DISPENSARY.

The Faculty have established a Dispensary, in connection with the College, where Clinics will be held daily, and advanced students will have the benefit of examining and prescribing, under the direction of the Professors. This will afford facilities for practical instruction seldom offered at many other institutions.

COURSE OF LECTURES.

The Fall Course of Lectures in the Medical Department of the University will commence on Wednesday, October 5th, 1881, and continue five months.

These Lectures will be arranged, as to time, so as to afford the student the greatest possible advantages. They will have an opportunity to prepare themselves upon the subject of each lecture.

PROSPECTS FOR THE COURSE OF 1881–82.

The Medical Department of the University takes an unusual degree of pleasure in making known to the *Medical Profession* of the Trans-Mississippi section of country the unparalleled success it has met with the past two years, and to assure its friends and supporters that the next course of Medical Lectures will greatly increase the present number of matriculates. Starting *do novo*, unaided, and upon an extremely limited notice to the public, it has received a liberal patronage, which the character of the instruction, and the opportunities offered, have proved advantageous to all concerned. The number of communications daily received, for special information; the number of students that have access from time to time to the Medical College building, together with its unsurpassed geographical centre, insure to this College an unusually large number of matriculates at its ensuing session. The Faculty, cognizant of this situation and not unmindful of the necessity of being fully prepared for the contingency of an extra large session, have already given instruction for the improvements in the internal arrangement of the building to meet the exigency of the occasion. They do not pretend to offer students any advantages beyond those of a practical nature, but assure them, in advance, that the terms will be in every essential particular strictly adhered to. They would, however, request the medical students of the South and West to come here and see for themselves before they go elsewhere.

FACULTY.

The Faculty is composed of medical gentlemen, residents of the city of Little Rock, who are well known, and who are personally well qualified for the positions they have individually been elected to fill. They are earnest workers in the cause of Medical Science, and will labor zealously to build up a Medical Department that will reflect honor upon the State.

GRADED SYSTEM.

The Medical Department of the University has determined to establish a *Voluntary Graded Course* for three years. A number of Medical Colleges having extended the term of instruction an additional year, and as it will be the policy of this Department not only to conform to the demands of the times, but in each and every particular to keep full pace with the requirements exacted of the oldest institutions in the country, it has been decided to inaugurate, at once, the system of a three years' graded course. No student will, therefore, receive a diploma unless he is thoroughly qualified in every branch of the course. Students who have had the most thorough preparation, and who satisfy the Faculty of their being well qualified for graduation, after a searching examination, will be granted a diploma when they have attended two full courses of Lectures, and have pursued their studies the full term of three years.

FIRST YEAR.

Anatomy; Practical Anatomy; Physiology; Chemistry.

SECOND YEAR.

Anatomy, Surgical and Practical; Practical Physiology; Chemistry; Materia Medica and Therapeutics; Clinical Medicine and Surgery.

THIRD YEAR.

Surgery; Practice of Medicine; Obstetrics and Gynæcology; Materia Medica and Therapeutics; Ophthalmology; Clinical Medicine and Surgery.

At the end of each term examinations will be held in these Departments, and certificates of proficiency will be given to those who are qualified.

This plan of instruction is earnestly desired. Students who prefer to continue their studies on the repetitional system, can do so, but the Faculty strongly urge upon those whose means and opportunities permit, to avail themselves of the increased advantages offered by the Voluntary Graded Course.

TEXT BOOKS.

The Faculty would recommend one or the other of the following text-books in the several departments:

SURGERY—Gross, Hamilton, Ashurst, Holmes, Erichsen, Agnew, Bryant, Bilroth, and Esmarch.

THEORY AND PRACTICE—Flint, Niemeyer, Bristow and Aitkin.

MATERIA MEDICA AND THERAPEUTICS—National Dispensatory, H. C. Wood and Biddle.

ANATOMY—Gray, Wilson, Leidy, Maclise's Surgical Anatomy.

CHEMISTRY—Atfield's, Fowne's, Roscoe Tyson on Urine, Reese's Manuel of Toxicology.

PHYSIOLOGY—Dalton, Carpenter, Flint, Kirke's Manuel.

OBSTETRICS AND DISEASES OF CHILDREN—Leishman, Playfair, Byford, Cazeaux, Schroeder, Meggs, and Pepper and Day, on Children.

DISEASES OF WOMEN—Thomas, Barnes, Peaslee.

DISEASES OF EAR—Wells, MacNamara.

DISEASES OF EAR—Roosa.

GENITO URINARY ORGANS—Bumstead, Van Buren.

DERMATOLOGY—Fox, During, Wilson.

BOTANY—Gray's.

FEES.

Professor's Tickets	$50 00
Matriculation Ticket (only paid once)	5 00
Demonstrator's Ticket	5 00
Hospital Ticket	3 00
Graduation Fee	25 00

Fees for Professors' Tickets and Matriculation must be paid on entering. For graduation, students are not required to present, for the present, either the Practical Chemical or Practical Physiological Ticket, but the Faculty trust that students' preceptors, realizing the importance of this work, will insist upon their pupils availing themselves of the advantages of these Departments.

BOARD, ETC.

Boarding can be procured in private families as cheap in Little Rock as in any other city in the country.

REQUISITES FOR GRADUATION.

The candidate must be twenty-one years of age, of good moral character, and must present to the President the requisite evidence of having studied medicine three years, inclusive of attendance upon lectures.

He must have attended two full courses of lectures in a recognized medical college, the last of which shall have been in this Institution.

He must present to the President by the first of February a thesis, in his own hand-writing, on a medical subject. The amount of the graduation fund must be deposited with the thesis; in case of failure to pass a satisfactory examination, the money will be refunded.

A report of any of the clinics will be accepted in lieu of the ordinary thesis.

He must pass a satisfactory examination on anatomy, physiology, chemistry, materia medica, practice and general pathology, obstetrics and diseases of women and children, diseases of eye and ear, and surgery.

MATRICULATES FOR 1880 AND 1881.

NAME.	RESIDENCE.	PRECEPTOR.
Allen, Samuel W	Arkansas	Drs. Hooper and Breysacher.
Armfield, William	Arkansas	Medical Department, A. I. U.
Augspath, Louis, (D. D. S.)	Arkansas	Washington University, Md.
Barnard, Trenton	Arkansas	Medical Department, A. I. U
Bentley, Lee M	Arkansas	Drs. W. R. Bentley & T. A. Harvey.
Biggs, William E	Arkansas	Dr. J. F. Biggs.
Bunn, Dudley B	Arkansas	Alabama Medical College.
Carroll, Daniel C	Arkansas	Drs. J. T. Hamilton & J. A. Dibrell, Jr.
Crocker, Jacob T	Arkansas	Dr. C. G. Smith.
Dailey, John C	Indiana	Dr. W. E. Green.
Dibrell, Edwin R	Arkansas	Dr. James A. Dibrell, Sr.
Fisher, Daniel N	Arkansas	Medical Department, A. I. U.
French, Frank Lucas	Arkansas	Drs. R. G. Jennings & John Waters.
Gladden, Rodger Burrus	Arkansas	Kentucky School of Medicine.
Griffin, John L	Arkansas	Dr. James A. Westerfield, Jr.
*Gunter, John W	Arkansas	Drs. Jordan & Christian.
Harralson, William H.	Arkansas	Louisville University.
Hughes, Salonzo F	Arkansas	Medical Department, A. I. U.
Jackson, Norborn H	Arkansas	Medical Department, A. I. U.
Lafferty, Vaughan D	Arkansas	Dr. J. N. Lafferty.
McIntire, James A	Arkansas	Dr. J. C. McHatton.
Powley, Charles Perry	Ontario, Canada	Dr. P. D. Goldsmith.
Powell, William E	Arkansas	Dr. J M. Pirtle.
Ragsdale, Lewis T	Arkansas	Medical Department, A. I. U.
Roiffe, Benjamin P	Arkansas	Dr. B. S. Medlock.
Singleterry, William C	Arkansas	Medical Department, A. I. U.
Stell, Christopher C	Arkansas	Medical Department, A. I. U.
Stevenson, Thomas	Arkansas	Dr. James Blaine.
Thomasson, Nicholas T	Arkansas	Dr. J. C. McKethan.
Waterson, Benjamin F	Askansas	Vanderbilt University.
Williams, Augustus A. C	Arkansas	Medical Department, A. I. U.
Zackary, Burr S	Arkansas	Medical Department, A. I. U.

*Died December 2nd, 1880.

ANNUAL COMMENCEMENT.

The Commencement Exercises were held on the evening of March 2d, at the Centenary Church, which on this occasion, was filled with ladies and gentlemen interested in the prosperity and progress of the College.

The annual address before the Graduating Class, was delivered by Prof. P. O. Hooper. His Excellency, Gov. T. J. Churchill, Ex-officio President of the Board of Trustees, after an address, in latin, presented each graduate with his Diploma.

GRADUATES FOR 1880 AND 1881.

NAME.	RESIDENCE.	THESIS.
BUNN, DUDLEY B.	Randall, Ark.	Malarial Fever.
CARROLL. DANIEL C.	Pine Bluff, Ark	Diphtheria.
GLADDEN, RODGER BURRUS.	Atkins, Ark.	Delerium Tremens.
GRIFFIN, JOHN L.	Atkins, Ark.	Malarial Fever.
HARRALSON, WILLIAM H.	Atkins, Ark.	Pneumonia.
JACKSON, NORBORN H.	Dardanelle, Ark.	Post Partem Hemorrhage.
POWLEY, CHARLES PERRY.	Ontario, Canada.	Chorea.
STEVENSON, THOMAS.	Berlin, Ark	Gonorrhœa.
TOMMASSON, NICHOLAS T	Murfreesboro, Ark.	Pneumonia.
WATERSON, BENJAMIN F.	Wiley's Cove, Ark.	Enteric Fever.

THOMPSON, WILLIAM, M. D., Little Rock, Ark.......Honorary Deg. Doctor Medicine.

GENERAL RECAPITULATION.

College Class proper	120
Preparatory Department	306
SPECIAL.	
Musical Department not enumerated above	8
Normal Department not enumerated above	7
TOTAL.	
Academic Department	441
Medical Department	32
Branch Normal	123
Grand Aggregate	596

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TENTH CATALOGUE

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY

LOCATED AT

Fayetteville, Washington County, Arkansas.

FOR THE YEAR ENDING JUNE 8, 1882,

AND

ANNOUNCEMENT FOR 1882-83.

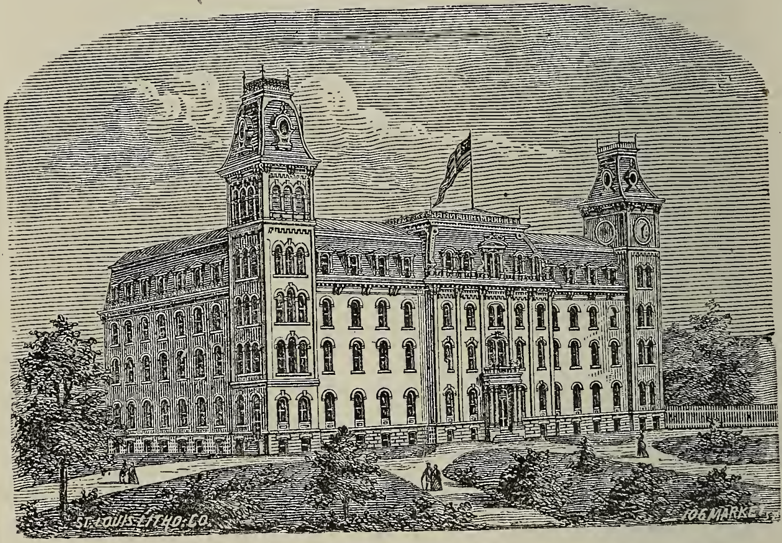
ORGANIZED SEPTEMBER 18, 1871.

JUNE, 1882.

LITTLE ROCK:
MITCHELL & BETTIS, STATE PRINTERS.
1882.

ARKANSAS

INDUSTRIAL UNIVERSITY.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106 MARKET ST.

DIMENSIONS AND CAPACITY.

It is 214 feet long, by 122 feet wide, covering an area of 26,108 square feet. It is five stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 13 feet in the clear; first and second stories, 16 feet each; third and fourth, 15 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 77 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 210 feet.

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GEN. D. H. HILL, L. L. D.,
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Principal of Normal Department.

C. H. LEVERETT, A. M.,
Professor of Ancient Languages.

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C. P. CONRAD, A. M., (University of Va.)
Professor of Chemistry and Physics.

H. B. EDMISTON, A. M.,
Professor of Modern Languages.

A. V. LANE, C. E., Ph. D.,
Professor of Applied Mathematics and Engineering,

MISS LIZZIE G. TOWNES,
Professor of Music.

....

Professor of Military Science and Tactics.

MISS NETTIE G. BEDINGER,
Teacher of Drawing and Painting.

H. M. WELCH, A. M.,
Principal of Preparatory Department.

G. W. DROKE, A. B.,
First Assistant Preparatory Department.

F. L. SUTTON,
Preceptress of Preparatory Department.

MISS L. J. BLAKELEY, A. B.,
Assistant Preparatory Department.

MISS ELLA H. CARNALL, A. B.,
Third Assistant Preparatory Department.

MEDICAL DEPARTMENT.

LITTLE ROCK, ARK.

SESSION OF 1882-83.

PROFESSORS.

P. O. HOOPER, M. D.,
Practice of Medicine, and President of the Faculty.

EDWIN BENTLEY, M. D.,
Institutes and Practice of Surgery.

A. L. BREYSACHER, M. D.,
Obstetrics and Diseases of Women and Children.

JAS. A. DIBRELL, JR., M. D.,
General, Descriptive and Surgical Anatomy.

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Materia Medica, Therapeutics, Hygiene and Botany.

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Demonstrator of Anatomy.

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Ophthalmology and Otology.

JAMES H. LENOW, M. D.,
Diseases of Genito-Urinary Organs.

JOHN M. PIRTLE, M. D.,
Diseases of Children.

CLAIBORNE WATKINS, M. D.,
Physical Diagnosis and Clinical Medicine.

LOUIS R. STARK, M. D.,
Gynæcology.

JOHN WATERS, M. D.,
Clinical Medicine and Prosector of Anatomy.

LOUIS AUGSPATH, D. D. S.,
Oral Surgery.

W. U. SIMONS, U. S. SIGNAL SERVICE,
Meteorology, Etc.

John Lineham, Janitor, at the College, on Second, between Main and Louisiana Sts. All communications should be addressed to R. G. JENNINGS, M. D., Secretary of Faculty, Little Rock, Ark.

CATALOGUE OF STUDENTS.

For the Session Commencing September 5th, 1881, and Ending June 8th, 1882.

Regular Students in the Collegiate Department are graded in General Deportment and Scholarship, on the grade of 100. In all the classes except the Senior, the numbers prefixed to the names indicate rank. No. 1, indicating first rank; No. 2 second rank, etc.

Irregulars, and those taking a Partial Course are not graded.

NOTE—Very many parents have moved to Washington County for the purpose of educating their children. This accounts for the large number of students from that county. The reduction of our numbers for 1881-2 is partly due to financial distress, caused by the great drouth of last summer, and largely to the small-pox panic of December, 1881.

ACADEMIC DEPARTMENT.

ABBREVIATIONS.

a.—Agricultural.
c.—Classical Course.
s.—Scientific.
m.—Modern Languages.
e.—English Letters.
l.—Latin Letters.
eng.—Engineering.
i—Irregular in the course, regular if not otherwise designated.

SENIOR CLASS.

	NAMES.	RESIDENCE.
c.	Brown, W. D	Newtonia, Newton County, Missouri.
c.	Booth, W. P	Batesville, Independence County, Ark.
c.	Carrigan, A. H	Washington, Hempstead County, Ark.
c.	Chanslor, C. K	Washburne, Barry County, Missouri.
c.	Cherry, W. R	Patterson's Bluff, Franklin County, Ark.
c.	Gregg, L. W	Fayetteville, Washington County, Ark.
c.	Hon, Daniel	Waldron, Scott County, Ark.
l.	Gustave, Jones	Jacksonport, Jackson County, Ark.
c.	Lanier, J. A. M.	Mountain Home, Baxter County, Ark.
2.	Mayes, J. F	Fayetteville, Washington County, Ark.
c.	McDonnough, J. B	Bloomer, Sebastian County, Ark.
c.	McFarlane, R. W	Enterprise, Sebastian County, Ark.
c	Oates, T. F	Russellville, Pope County, Ark.
c.	Pickel, J. W	Mulberry, Franklin County, Ark.
c.	Rogers, P. A	Spavinaw, Benton County, Ark.
l.	Shell, G. C	Augusta, Woodruff County, Ark.

Total, 16.

2. Did not take a Degree.

JUNIOR CLASS.

3.	c.	Bates, C. O	Cincinnati, Washington County, Ark.
	i.	Buckner, Jennie C	Hopkinsville, Ky.
	i. l.	Cravens, Jessie L	Fayetteville, Washington County, Ark.
	i.eng.	Claypool, W. M	Bentonville, Benton County, Ark.
	i. c.	England, W. W	Evansville, Washington County, Ark.
1.	c.	Greaves, C. D	Hot Springs, Garland County, Ark.
	i. c.	Hill, J. M	Fayetteville, Washington County, Ark.
	i. c.	Moore, G. B	Pine Bluff, Jefferson County, Ark.
	i. m.	Murdock, Annie	Harrisburg, Poinsett County, Ark.
	i.	Reed, G. W. M., Jr	Fayetteville, Washington County, Ark.
	i. c.	Sanders, Cener C.	Huntsville, Madison County, Ark.
2.	e.	Stroup, H	Webb City, Franklin County, Ark.
1.	e.	Taliaferro, Lou	Bentonville, Benton County, Ark.
	i. l.	Van Winkle, J. D	War Eagle Mills, Benton County, Ark.
	i. s.	Van Winkle, R. E. L	War Eagle Mills, Benton County, Ark.
	i.eng.	Wallis, W. C	Hope, Hempstead County, Ark.
	i. c.	Wells, H	Monticello, Drew County, Ark.

Total, 17.

SOPHOMORE CLASS.

1.	l.	Anderson, L. S	Herndon, Craighead County, Ark.
	i. l.	Atkins, W	Washington, Hempstead County, Ark.
3.	l.	Barbour, E. A	Alma, Crawford County, Ark.
	i. l.	Brickell, C. W	Poplar Grove, Phillips County, Ark.
	i. l.	Cox, Alice	Gunter, Washington County, Ark.
7.	l.	Duncan, W. H	Conway, Faulkner County, Ark.
	i. l.	Edmiston, W. L	Springfield, Mo.
2.	l.	Gates, D. A	Tillar Station, Union County, Ark.
6.	l.	Goodwin, W. P	El Dorado, Union County, Ark.
	i. l.	Hillis, E. W	Jonesboro, Craighead County, Ark.
4.	l.	Hudson, J. H	Dardanelle, Yell County, Ark.
	i. e.	Hughes, J. J	Forrest City, St. Francis County, Ark.
	i. l.	Hyatt, W. H	Monticello, Drew County, Ark.
8.	l.	Lake, Ella	Viney Grove, Washington County, Ark.
	i. l.	McNeis, J. C	Rogers, Washington County, Ark.
1.	e.	Morton, W. H	Prairie Grove, Washington County, Ark.
	i. e.	Pape, Ada	Fort Smith, Sebastian County, Ark.
2.	e.	Pape, Annie	Fort Smith, Sebastian County, Ark.
	i.eng.	Ralph, S. H	Lewis' Landing, Texas.
	i.eng.	Smith, J. F	Searcy, White County, Ark.
5.	l.	Taff, J. L	Waldron, Scott County, Ark.

Total, 21.

FRESHMAN CLASS.

2.	m.	Bates, J. H	Cincinnati, Washington County, Ark.
	i. e.	Arnold, D. E	Centerville, Bibb County, Ala.
	i. e.	Atkins, Will G	Fayetteville, Washington County, Ark.
	i. m.	Carden, F. M. L	Bloomer, Sebastian County, Ark.
	i. l.	Daniels, E. W	Dermott, Chicot County, Ark.
	i. l.	Dickson, M. M	Bloomfield, Benton County, Ark.
	i. l.	Faulkner, N. C	Lebanon, Mo.

	i. e.	Harris, Laura J	Fayetteville, Washington County, Ark.
3.	l.	Howell, J. W	Clarksville, Johnson County, Ark.
	i. c.	Inman, C. H	Grapevine, Tex.
	i. m.	Jcnnings, Lillie	Fayetteville, Washington County, Ark.
2.	l.	Kinsworthy, E. B	Black Colony, Sevier County, Ark.
	i. l.	Lee, R. E.	Pine Bluff, Jefferson County, Ark.
	i. l.	Leverett, Julia B	Fayetteville, Washington County, Ark.
	i. e.	McCall, E. B	Mount Holly, Union County, Ark.
2.	c.	Malony, Florence	Little Rock, Pulaski County, Ark.
	i. l.	McCrary, A. M	Mineral Springs, Howard County, Ark.
	i. c.	McCulloch, R. B	Conway, Faulkner County, Ark.
1.	m.	Notrebe, E. P	Sarassa, Lincoln,County. Ark.
	i. m.	Paschal, J. F	Calhoun, Columbia County, Ark.
	i. c.	Pearce, B. S	Magnolia, Columbia County, Ark.
4-	l.	Porter, G. W	DeWitt, Arkansas County, Ark.
	i. e.	Rainwater, Clem	Fayetteville, Washington County, Ark.
5.	l.	Ross, T. A	Okalona, Clark, County, Ark.
	i. l.	Skelton, Pollie T	Fayetteville, Washington County, Ark.
1.	e.	Skelton, W. R	Fayetteville, Washington Connty, Ark.
	i. m.	Stcere, Vic. A	White Hall, Ill.
	i. l.	Sutton, Mollie	Fayetteville, Washington County, Ark.
	i. m.	Terry, B. F	Hamburg, Ashley, County, Ark.
	i. c.	Taff, J. H	Waldron, Scott County, Ark.
	i. m.	Wilkinson, H. D	Military Grove, Sebastian County, Ark.
	i. l.	Wood, A. S	Canthrow, Scott County, Ark.
	i. l.	Woodall, W. H	El Paso, White County, Ark.
	l.	Woolverton C. D	Fayetteville, Washington County, Ark.

Total 34.

PREPARATORY DEPARTMENT.

SUB-FRESHMAN CLASS.

Albright, S. K	Fayetteville, Washington County, Ark.
Bates, Nannie	Cincinnati, " " "
Benbrook Kittie	Fayetteville, " " "
Bolinger, W. A	St. Paul, Madison County, Ark.
Brewster, A. C	Witcherville, Sebastian County, Ark.
Berry, J. C	Yellville, Marion County, Ark.
Bridges, R. B	Charleston, Franklin, County, Ark.
Briant, W. T	Marshall, Searcy County, Ark.
Cardwell, Nora	Fayetteville, Washington County, Ark.
Caruthers, Elmo	Waldron, Scott County, Ark.
Chasteen, Robt	Fayetteville, Washington County, Ark.
Dial, Margie	Holly Grove, Monroe County, Ark.
Dial, J. T	Charleston, Franklin County, Ark.
Donohoo, W. H	Bentonville, Benton County, Ark.
Ellis, U. Z	Fayctteville, Washington County, Ark.

Felker, G. W.	Ozark, Franklin County, Ark.
Gilmore, C. C	Fayetteville, Washington County Ark.
Gray, Carl	Fayetteville, “ “ “
Gregg, W. A.	Fayetteville, “ “ “
Gray, R. E. L.	Prairie View, Logan County, Ark.
Hall, E. J.	Fayetteville, Washington County, Ark.
Healy, Mary	Fayetteville, “ “ “
Holliman, Idora	Fayetteville, “ “ “
C. H. Inman	Grapevine, Tex.
Jastrower, J. J.	Forrest City, St. Francis County, Ark.
King, J. H.	Amity, Clark County, Ark.
Knight, Carrie	Fayetteville, Washington County, Ark.
Keith, J. F.	Boonville, Logan County, Ark.
Leverett, F. P.	Fayetteville, Washington County, Ark.
Leverett, Mary	Fayetteville, “ “ “
McCullough, J. D.	Reiff's Bluff, Lincoln County, Ark..
Moore, R. R.	Ozark, Franklin County, Ark.
Moore, J. M	Ozark, “ “ “
McNeill, W. H.	Magnolia, Columbia County, Ark.
Mulholland, Sarah	Fayetteville, Washington County, Ark.
Monteith, C. W.	Newport, Jackson County, Ark.
McDonald, T. H.	Seligman, Mo.
Moessner, I. L..	Fayetteville, Washington County, Ark.
Nixon, Esmay	Eureka Springs, Carroll County, Ark.
Pearce, B. S.	Magnolia, Columbia County, Ark.
Pollard, W. S.	Fayetteville, Washington County, Ark.
Prince, Belle	Fayetteville, “ “ “
Pennington, J. P	Faulkner Gap, Faulkner County, Ark.
Pinson, H. E.	El Dorado, Union County, Ark.
Stone, J. D.	Greenwood, Sebastian County, Ark.
Stone, A. B	Fayetteville, Washington County, Ark.
Shaver, A. A	Charleston, Franklin County, Ark.
Smith, A. M.	Webb, City, “ “ “
Sory, F. L.	Duval's Bluff, Prairie County, Ark.
Taff, J. A.	Waldron, Scott County, Ark.
Tillar, B. J.	Tillar, Drew County, Ark.
Turnham, H. H	Chocoville, Sebastian County, Ark.
Watts, J. C.	Cincinnati, Washington County, Ark.
Wainwright, Lillie	Fayetteville, “ “ “
Walker, J. S.	Peytonville, Little River County, Ark.
	Total, 55.

A CLASS.

Agent H. C.	Mulberry, Franklin County, Ark.
Agee, Thos.	Fayetteville, Washington County, Ark.
Adams, Gattie	Arkadelphia, Clark County, Ark
Beneux, H. A.	Mulberry, Franklin County, Ark.
Berry, Nellie	Bentonville, Benton County, Ark.
Blake, C. M.	Fayetteville, Washington County, Ark.
Blake, Flora	Fayetteville, “ “ “
Bolinger, Mattie	Fayetteville, “ “ “
Briant, W. T.	Marshall, Searcy County, Ark.

Bridges, R. B	Charleston, Franklin County, Ark.
Burtnett, J. H	Laconia, Desha County, Ark.
Beazley, E. J	Forrest City, St. Francis County, Ark.
Bailey, W. F	Malvern, Hot Springs County, Ark.
Carl, S. T	Siloam, Benton County, Ark.
Chasteen, Jno, W	Fayetteville, Washington County, Ark.
Crouch, Dora A	Fayetteville, " " "
Curtis, S. M	Enola, Faulkner County, Ark.
Carter, Nora	Fayetteville, Washington County, Ark.
Copeland, W, E	Fayetteville, " " "
Clounts, J. W	Burnsville, Sebastian County, Ark.
Davis, W. A	Mt. Etna, Ark.
Dickson, W. E	Magnolia, Columbia County, Ark.
Dowell, H. J	Fayetteville, Washington County, Ark.
Dupuy, J. L	Askew, Lee County, Ark.
Donohoo, P. M	Bentonville, Benton County, Ark.
Draughon, J. H	Floyd, La.
Evans, S. A	Knoxville, Johnson County, Ark.
Edwards Forest	Prescott, Nevada County, Ark.
Frazier, J. R	Chocoville, Sebastian County, Ark.
Felker, G. W	Ozark, Franklin County, Ark.
Freyschlag, F. M	Fayetteville, Washington County Ark.
Gray, R. E. L	Prairie View, Logan County, Ark.
Graham, Wallace	Clarendon, Monroe County, Ark.
Garner, Emma	Fayetteville, Washington County, Ark.
Haines, W. S	Pineville, Izard County, Ark.
Harrod, Wm	Conway, Faulkner County, Ark.
Hansard, Dora	Fayetteville, Washington County, Ark.
Hauptman, W. D	Fayetteville, " " "
Hunt, Josie V	Fayetteville, " " "
Healy, Chas. J	Fayetteville, " " "
Hall, H. J	Fayetteville, " " "
Harris, Ada	Fayetteville, " " "
Hudson, F. M.	Caglesville, Pope County, Ark.
Hay, Eugene C	Hot Springs, Garland County, Ark.
Herring, R. J	Floyd, La.
Jackson, H. R	Fayetteville, Washington County, Ark.
Jobe, D. L	Fayetteville, " " "
Key, Frank A	Texarkana, Miller County, Ark.
Kemp, Elzira	Fayettevllle, Washington County. Ark.
Hendrick, J. D	Lamartine, Columbia County, Ark.
King, J. P	Mulberry, Franklin County, Ark.
King, J. H	Amity, Clark County, Ark.
Keatts, Jas	Little Rock, Pulaski County, Ark.
Knight, Fred	Fayetteville, Washington County, Ark.
Langley, S. P	Elk Mills, Mo.
Loy, Minnie	Fayetteville, Washington County, Ark.
Lippard, D. T	Chocoville, Sebastian County, Ark.
Lipe, J. G	Owala, Cherokee Nation, I. Ter.
Martin, A. W	Pocahontas, Randolph County, Ark.
Mayes, Sallie	Fayetteville, Washington County, Ark.
McCulloch, W. T	Conway, Faulkner County, Ark.

McDonald, T. H	Seligman, Mo.
McIlroy, W. R	Fayetteville, Washington County, Ark.
McNeill, J. C	Magnolia, Columbia County, Ark.
Messenger, N. O	Little Rock, Pulaski County, Ark.
Milligan, J. H	Fayetteville, Washington County, Ark.
Milner, P. H	College Hill, Columbia County, Ark.
Moore, J. M	Ozark, Franklin County, Ark.
McCart, Jennie	Fayetteville, Washington County, Ark.
Maguire, H. M	Maguire's Store, Washington Co., “
McEnery, Fred M	Columbus, Hempstead County, Ark.
Morrison, R. B	Little Rock, Pulaski County, Ark.
Mewbern, E. W	Macon, Lafayette County, Ark.
Nealy, Ernest A	Fayetteville, Washington County, Ark.
Nourse, W. A	Cabin Creek, Johnson County, Ark.
Obenchain, Ora	Fayetteville, Washington County, Ark.
Perry, T. C	Eureka Springs, Carroll County, Ark.
Pinson, H. E	El Dorado, Union County, Ark.
Porter, Mamie	Fayetteville, Washington County, Ark.
Peebles, S. J	Eureka Springs, Carroll County, Ark.
Redden, D. J	Paris, Logan County, Ark.
Reed, J. L	Fayetteville, Washington County, Ark.
Reid, W. A	Mulberry, Franklin County, Ark.
Reid, J. H	Mulberry, “ “ “
Reed, W. L	Fayetteville, Washington County, Ark.
Reynolds, Jennie	Fayetteville, “ “ “
Ross, Chas	Fayetteville, “ “ “
Rucker, G. R	Siloam, Benton County, Ark.
Shipley, N. P	Cedarville, Crawford County, Ark.
Smith, A. M	Webb City, Franklin County, Ark.
Snodgrass, J. S	Mulberry, “ “ “
Sory, F. L	DuVal's Bluff, Prairie County, Ark.
Sutton, Henry	Fayetteville, Washington County, Ark.
Slocomb, J. R	Little Rock, Pulaski County, Ark.
Stone, J. V	Little Rock, “ “ “
Steere, F. W	Fayetteville, Washington County, Ark.
Thompson, J. W	El Dorado, Union County, Ark.
Tillman, S. J	Fayetteville, Washington County, Ark.
Trott, Robbie	Fayetteville, “ “ “
Taylor, Maggie	Fayetteville, “ “ “
Thurmond, Mamie	Fayetteville, “ “ “
Taylor, Chas. E	VanBuren, Crawford County, Ark.
VanHook, W. M	El Dorado, Union County, Ark.
Waddill, J. B	Newport, Jackson County, Ark.
Wainwright, Wm	Fayetteville, Washington County, Ark.
Walker, E. N	Neodesha, Kansas.
Walker, J. S	Peytonville, Little River County, Ark.
Walker, J. W	Fayetteville, Washington County, Ark.
Webb, W. J	Charleston, Franklin County, Ark.
Weimer, W. G	Clarksville, Johnson County, Ark.
Williams, J. C	Pine Bluff, Jefferson County, Ark.
Williams, J. P	Beebe, White, County, Ark.
Williams, W. M	Fayetteville, Washington County, Ark.

Wright, R. A. C	Oak Bluff, Clay County, Ark.
Welch, Alice L	Fayetteville, Washington County, Ark.
Whitlow, Mabel	Fayetteville, " " "
Williams, T. D	Clarenden, Monroe County, Ark.
Williams, J. F	Ozark, Franklin County, Ark.

Total, 118.

B CLASS

Aiken, Don	Fayetteville, Washington County, Ark.
Anderson, Lula	Fayetteville, " " "
Albright, G. E	Fayetteville, " " "
Asbury, Nello	Fayetteville, Washington County, Ark.
Baum, Nettie	Fayetteville, " " "
Berry, E. J	Fayetteville, " " "
Carter, J. D	Fayetteville, " " "
Coffey, Belle	Fayetteville, " " "
Chasteen, Jas	Fayetteville, " " "
Carlisle, Jimmie	Fayetteville, " " "
Crum, Berta	Hope, Hempstead, County, Ark.
Crenshaw, Mattie	Dermott, Drew County, Ark.
Chenault, G. W	Little Rock, Pulaski County, Ark.
Dupuy, D. C	Askew, Lee County, Ark.
Draughon, Katie	Floyd, La.
Diver, J. R	Little Rock, Pulaski County, Ark.
Emrich, John	Fort Smith, Sebastian County, Ark.
Emrich, Louis	Fort Smith, " " "
Edwards, Forest	Prescott, Nevada, County, Ark.
Flynn, Malt	Fayetteville, Washington County, Ark.
Fannie, E. J	Oak Lodge, Choctaw Nation, I. Ter.
Gregg, H. L	Fayetteville, Washington County, Ark.
Gunter, Walker	Fayetteville, " " "
Hall, J. B	Benton, Saline County, Ark.
Hensley, W. B	Ozark, Franklin County, Ark.
Hall, H. J	Fayetteville, Washington County, Ark.
Hay, Eugene C	Hot Springs, Garland County, Ark.
Healy, Chas. J	Fayetteville, Washington County, Ark.
Harris, Ada	Fayetteville, " " "
Herring, J. D	Floyd, La.
Hansard, Harvey	Fayetteville, Washington County, Ark.
Jelks, Theodora	Augusta, Woodruff County, Ark.
Jones, J. A	Conway, Faulkner, County, Ark.
Jobe, D. L	Fayetteville, Washington County, Ark.
Keatts, Harry	Little Rock, Pulaski County, Ark.
Key, Frank A	Texarkana, Miller County, Ark.
Kendrick, J. D.	Lamartine, Columbia County, Ark.
Leverett, Storer	Fayetteville, Washington County, Ark.
Lane, J. P	Dallas, Polk County, Ark.
Lippard, D. T	Chocoville, Sebastian County, Ark.
Mills, W. B	El Paso, White County, Ark.
McIlroy, J. H	Fayetteville, Washington County, Ark.
Mœssner, Lottie	Fayetteville, " " "
McClelland, Mollie	Fayetteville, " " "

McRoy, Minnie	Fayetteville, Washington County, Ark.
Martin, Annie	Fayetteville, “ “ “
McNeill, Susie	Magnolia, Columbia County, Ark.
Martin, A. W	Pocahontas, Randolph County, Ark.
McCulloch, J. W	Conway, Faulkner County, Ark.
McNees, W. G	Rogers, Benton County, Ark.
Moore, W. S	Hamburg, Ashley County, Ark.
Marion, Lena	Fayetteville, Washington County, Ark.
Marion, Henry	Fayetteville, “ “ “
North, Hattie	Fayetteville, “ “ “
Obenchain, Ulah	Fayetteville, “ “ “
Ogden, J. S	Fulton, Hempstead County, Ark.
Parks, Ida Lee	Billingsley, Washington County, Ark.
Preston, J. L	Fayetteville, Washington County, Ark.
Peebles, S. J	Eureka Springs, Carroll County, Ark.
Pearcy, H. W	Star City, Lincoln County, Ark.
Rutherford, R. L	Billingsley, Washington County, Ark.
Rutherford, Julia	Billingsley, “ “ “
Reid, Chas. C	Lewisburg, Conway County, Ark.
Reynolds, Lula	Fayetteville, Washington County, Ark.
Rainwater, Minnie	Fayetteville, “ “ “
Rucker, G. R	Siloam, Benton County, Ark.
Simonds, Helen	Fayetteville, Washington County, Ark.
Stanford, W. T	Waldron, Scott County, Ark.
Steere, F. W	Fayetteville, Washington County, Ark.
Saulpaugn. J. H	Pine Bluff, Jefferson County, Ark.
Starr, Callie E	Evansville, Washington County. Ark.
Taff, A. G	Waldron, Scott County, Ark.
Taff, Mollie E	Waldron, “ “ “
Thomas, Helen	Fayetteville, Washington, County, Ark.
Trimm, Maud	Fayetteville, “ “ “
Taylor, Chas. E	VanBuren, Crawford County, Ark.
Vaughn, J. C	Fayetteville, Washington County, Ark.
VanHook, W. M	El Dorado, Union County, Ark.
Wyatt, B. A	Star City, Lincoln County, Ark.
Winston, A. L	Eureka Springs, Carroll County, Ark.
Worrell, L. C	Harrisburg, Poinsett County, Ark.
Young, Chas. J	Fayetteville, Washington County, Ark.

Total, 82.

C CLASS.

Anderson, Lula	Fayetteville, Washington Co., Ark.
Berry, F. J	“ “ “ “
Blake, Jno	Rogers, Benton Co., Ark.
Blackburn, J. J	Laconia, Desha Co., Ark.
Baker J. B	Fayetteville, Washington Co., Ark.
Baker, G. W	“ “ “ “
Chasteen, Chas	“ “ “ “
Chieves, T. T	Star City, Lincoln Co., Ark.
Carter, J. D	Fayetteville, Washington Co., Ark.
Conner, S. A	Pocahontas, Randolph Co., Ark.
Cardwell, Rachel	Fayetteville, Washington Co., Ark,

Crum, Berta	Hope, Hempstead Co., Ark.
Carlisle, Belle	Fayetteville, Washington Co., Ark.
Dupuy, D. C	Askew, Lee Co., Ark.
Dowell, Delia J	Fayetteville, Washington Co., Ark.
Emrich, Jno	Ft. Smith, Sebastian Co., Ark.
Emrich, Louis	“ “ “ “ “
Flynn, Matt	Fayetteville, Washington Co., Ark.
Faulkner, Homer	Lebanon, Mo.
Ferguson, G. T	Fayetteville, Washington Co., Ark.
Tannin, E J	Oak Lodge, Indian Territory.
Gatliff, M. C	Van Buren, Crawford Co., Ark.
Hurlbut, Maude	Fayetteville, Washington Co., Ark.
Hargrove, Fannie	Hico, Benton Co., Ark.
Hanger, T. M	Fayetteville, Washington Co., Ark.
Isaacs, Sam'l L	Forrest City, St. Francis Co., Ark.
Jelks, Theodora	Augusta, Woodruff Co., Ark.
Jackson, Edna	Fayetteville, Washington Co., Ark.
Lane, D. G	Dallas, Pope Co., Ark.
Lambeth, S. A	Walnut Ridge, Lawrence Co., Ark,
Lewis, R. T	Harrison, Boone Co., Ark.
Mills, W. B	El Paso, White Co., Ark.
Martin, Annie	Fayetteville, Washington Co., Ark.
Moessner, Lottie	“ “ “ “
Moore, Nellie	“ “ “ “
Marion, Lena	“ “ “ “
Marion, Henry	“ “ “ “
McRoy, Julia	“ “ “ “
McClelland, Lake	“ “ “ “
North, Nattie	“ “ “ “
Nix, W. E	“ “ “ “
Nix, Nannie C	“ “ “ “
Peebles, Mattie	Eureka Springs, Carroll Co., Ark.
Pennington, R. A	Faulkner Gap, Faulkner Co. Ark.
Parks, Ida Lee	Billingsley, Washington Co., Ark.
Rutherford, R. L	“ “ “ “
Rutherford, Julia	“ “ “ “
Reid, Chas. C	Lewisburg, Conway, Co., Ark.
Routh, Luella	Fayetteville, Washington Co., Ark.
Raedles, Alice	“ “ “ “
Raedles, Cora	“ “ “ “
Saulpaugh, Annie	Pine Bluff, Jefferson “ “
Stanford, W. T	Waldron, Scott Co., Ark.
Sullivant, J	Ferguson's Mill, Yell Co., Ark.
Starr, Callie	Evansville, Washington Co., Ark.
Tankersley, W. A	Rogers, Benton Co., Ark.
Taylor, Clara	Van Buren, Crawford Co., Ark.
Taff, Mollie E	Waldron, Scott Co., Ark.
Walker, C. S	Richmond, Little River Co., Ark.
Walker Jno	Fayetteville, Washington Co., Ark.
Williams, J. Q	Ozark, Franklin Co., Ark.
Williams, W. E	Van Buren, Crawford Co., Ark.
Wines, Lula	Fayetteville, Washington Co., Ark.

Winggo, Zenas,	Fayetteville, Washington Co., Ark.
Younts, C. F.	Little Rock, Pulaski Co., Ark.
Young C. J.	Fayetteville, Washington Co., Ark.

Total 66.

UNCLASSED.

Allen, Mary B.	Fayetteville, Washington Co., Ark.
Burrow, Lizzie M.	Alma, Crawford Co., Ark.
Halburstadt, Augusta	Little Rock, Pulaski Co., Ark.
Steere, Maggie	Fayetteville, Washington Co., Ark.
Garrett, R. B.	Eros, Ark.
Halbrecht, August	Little Rock, Ark.

Total 6.

RECAPITULATION.

Sub-Freshman Class	55
A	118
B	82
C	66
Unclassed	6
Total in Preparatory Department, by classes	327

GENERAL SUMMARY BY STATES.

Arkansas	341
Missouri	6
Texas	4
Louisiana	2
Mississippi	2
Tennessee	1
Kentucky	1
Kansas	1
District of Columbia	1
Virginia	1
Cherokee Nation	2
Creek Nation	1
Total	363

COLLEGIATE DEPARTMENT.

COURSES OF STUDY.

The University offers nine regular courses of study, the Classical, Latin Letters, Modern Language, English, Civil Engineering, Mining Engineering, Agricultural and Normal, leading respectively to the degrees of Bachelor of Arts, Bachelor of Latin Letters, Bachelor of Letters, Bachelor of English, Civil Engineer, Mining Engineer, and Bachelor of Agriculture.

Students under twenty-one years of age will be required to take one of these regular courses, unless excused on the written application of parent or guardian.

REQUIREMENTS FOR ADMISSION.

For admission to the Freshman class, students wishing to take a full course, will be required to pass a satisfactory examination on all the studies of the correlated course of the Preparatory Department. Those wishing to take a partial course will be examined only in the English studies of the A class and such studies of the Sub-Freshman class as may be deemed necessary by the professors whose classes they may wish to enter.

COURSES OF STUDY.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
FRESHMAN YEAR.	FIRST TERM.	Algebra	Algebra	Algebra	Algebra
		English	English	English	English
		Latin	Latin	Modern Lang.	Mod. Lan. or Lat.
		Greek or			
		Modern Lang.			
	SECOND TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics or Bot.	Physics	Physics	Physics
		Latin	Latin	Modern Lang.	Mod. Lan. or Lat.
		Greek or Mod. L.			
	THIRD TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics or Bot.	Physics	Physics	Physics
		Latin	Latin	Modern Lang.	Botany
		Greek or Mod. L.			Mod. Lan. or Lat.
		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
SOPHOMORE YEAR.	FIRST TERM.	Trigonometry	Trigonometry	Trigonometry	Trigonometry
		English	English	English	English
		Gen'l Chemistry or Zoology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology
		Latin	Latin	Modern Lang.	Modern Lang. or Latin
		Greek or Mod. L.			
	SECOND TERM.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.
		English	English	English	English
		Gen'l Chemistry or Zoology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology
		Latin	Latin	Modern Lang.	Mod. Lan. or Lat.
		Greek or Mod. L.			
	THIRD TERM.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.	Anal. Geometry.
		English	English	English	English
		Gen'l Chemistry or Zoology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology	Gen'l Chemistry or Biology
		Latin	Latin	Modern Lang.	Mod. Lan. or Lat.
		Greek or Mod. L.	Physiology	Physiology	Physiology
		Physiology.			

COURSES OF STUDY---Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Algebra	Algebra	Algebra	Algebra	Algebra
English	English.	English.	English	English
Phys. Geog	Phys. Geog	Phys. Geog	Phys. Geog	Phys. Geog
Latin.	*Mod. Lang	Mod. Lang	Mod. Lang	Mod. Lang
Pedagogics	Drawing	Drawing	Drawing	Drawing
Geometry	Geometry.	Geometry	Geometry	Geometry
English.	English	English	English.	English
Physics.	Physics	Physics	Physics.	Physics
Latin	*Mod. Lang	Mod. Lang	Mod. Lang	Mod. Lang
Pedagogics	Drawing	Drawing	Drawing	Drawing
Geometry	Geometry	Geometry	Geometry	Geometry
English.	English	English	English	English
Physics	Physics	Physics	Physics.	Physics
Latin	*Mod. Lang	Mod. Lang	Botany	Mod. Lang
Botany	Botany	Drawing	Mod. Lang	Botany
Pedagogics.			Drawing	Drawing

NORMAL COURSE.	SCIENTIFC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Trigonometry	Trigonometry	Trigonometry	Trigonometry	Trigonometry
English	Blow-pipe	Blow-pipe	Blow-pipe	Blow-pipe
Gen'l. Chem	Gen'l. Chem	Gen'l. Chem	Gen'l. Chem	Gen'l. Chem
Latin	*Mod. Lang	Mod. Lang	Mod. Lang	Mod. Lang
Pedagogics	Botany	Ap. Math	Botany	Botany
			Ap. Math	Ap. Math
Anal. Geom	Anal Geom	Anal. Geom	Anal. Geom	Anal. Geom
Zoology	Zoology	Gen'l. Chem	Zoology	Zoology
Gen'l. Chem	Gen'l. Chem	Mod. Lang	Gen'l. Chem	Gen'l. Chem.
Latin	*Mod. Lang.	Anal. Chem	Mod. Lang.	Mod. Lang
Pedagogics	Anal. Chem	Ap. Math	Anal. Chem	Anal. Chem
			Ap. Math	
Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom
Gen'l. Chem	Zoology	Gen'l. Chem	Zoology	Zoology
Latin	Gen'l. Chem	Mod. Lang.	Gen'l. Chem	Gen'l. Chem
Pedagogics	*Mod. Lang	Anal. Chem	Mod. Lang	Mod. Lang
Physiology.	Anal. Chem	Ap. Math	Anal. Chem	
			Ap. Math	

*Latin may be substituted.

COURSES OF STUDY—Continued.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
JUNIOR YEAR.	FIRST TERM.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal Geom.
		Eng. Lit.	Eng. Lit.	Eng. Lit.	Eng. Lit.
		Physiology	Physiology	Physiology	Physiology
		Latin	Latin	Mod. Lang.	English
		Greek or			
		Mod. Lang.			
	SECOND TERM.	Calculus	History and Lit.	History and Lit.	History and Lit.
		History and Lit.	Logic	Logic	Logic
		Logic	Latin	Mod. Lang.	English
		Latin			
		Greek or			
		Mod. Lang.			
	THIRD TERM.	Calculus	History and Lit.	History and Lit.	History and Lit
		History and Lit.	Astronomy or	Astronomy or	Astronomy or
		Latin	Geology	Geology	Geology
		Greek or	Latin	Mod. Lang.	English
		Mod. Lang.			

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
SENIOR YEAR.	FIRST TERM.	Geology or	Mental Philos.	Ment. Philos.	Ment. Philos.
		Nat. Philosophy	Polit. Econ.	Polit. Econ.	Polit. Econ.
		Ment. Philos.	Hist. of Civil	Hist. of Civil	Hist. of Civil
		Polit. Econ.	Latin		Eng. Lit.
		Hist. of Civil			
	SECOND TERM.	Geology or	Moral Philos.	Moral Philos.	Moral Philos.
		Nat. Philosophy	Int. Law	Int. Law	Int. Law
		Moral Philos.	Civil Polity	Civil Polity	Civil Polity
		Int. Law	Latin		Eng. Lit.
		Civil Polity			
	THIRD TERM.	Philology	Philology	Philology	Philology
		Evidences of	Evidences of	Evidences of	Evidences of
		Christianity	Christianity	Christianity	Christianity
		Const. of U. S.	Const. of U. S	Const. of U. S.	Const. of U. S.

COURSES OF STUDY—Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Anal Geom	Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom
Eng. Lit	Mineralogy	Mineralogy	Mineralogy	Mineralogy
Physiology	Physiology	Ap. Math	Ap. Math	Physiology
Pedagogics	Anal. Chem	Anal. Chem.	Anal. Chem	Stock Breeding.
	Calculus	Calculus	Calculus	Machinery
Geology	Geology	Geology	Geology	Geology
Hist. and Lit.	Anal. Chem	Anal. Chem	Anal. Chem	Entomology
Logic	or Biology	Ap. Math	Ap. Math	Agricultural Chemistry
Pedagogics				
	Calculus	Calculus	Calculus	Anatomy
Hist. and Lit.	Anal. Chem	Anal. Chem	Anal. Chem	Anal. Chem
Astronomy or Geology	or Biology	Ap. Math	Ap. Math	Astronomy or
	Geology	Geology	Geology	Geology
History of Education				Book-keeping
School Law				

SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Nat. Philos	Nat. Philos	Nat. Philos	Physics
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal. Chem. or	Ap. Math	Anal. Chem	Anal. Chem.
Biology		Ap. Math	Agricultural
Nat. Philos.	Nat. Philos	Nat. Philos	Physics
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal. Chem. or Biology	Ap. Math	Anal. Chem	Anal. Chem
		Ap. Math	Agriculture
Nat. Philos	Nat. Philos	Nat. Philos	Landscape Garden
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal. Chem. or	Ap. Math	Anal. Chem	Agriculture
Biology		Ap. Math	Veterinary Surgery

SCHEME OF RECITATIONS.

	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST TERM.	Mental Philosophy.	Political Economy.	Natural Philosophy.	Physiology.	English Literature.	Hist. of Civil'za'n.
	Jun. Ap. Math.	Jun. Lat. and Greek.	Jun. Mathematics.	Soph. Mod. Lan.	Freshman Latin.	Jun. Mod. Lang.
	Soph. Lat.	Mineralogy	Soph. Ap. Math.	Soph. Greek.	Freshman Ap. Math.	Soph. Math.
	Soph. Bot.	General Chem.	Rhetoric.	Freshman English.		Phys. Geography.
	Jun. German.	Fresh. Mathematics.	Fresh. Mod. Lang.			
		Jun. French.	Fresh. Greek.			
SECOND TERM.	Moral Philosophy.	International Law,	Natural Philosophy.	Geology.	English Literature.	Biology.
	General History.	Jun. Lat. and Greek.	Jun Mathematics.	Soph. Mod. Lang.	Freshman Latin.	Jun. Mod. Lang.
	Jun. Ap. Math.	General Chemistry.	Soph. Ap. Math.	Sophmore Greek,	Fresh. Ap. Math.	Soph. Math.
	Sophmore Latin.	Fresh. Mathematics.	Rhetoric.	Freshman English.		Fresh. Physics.
	Zoology.	Jun. French.	Fresh. Mod. Lang.	Logic.		
	Jun. German.		Fresh. Greek.			
THIRD TERM.	Ev. of Christianity.	Philology.	Junior Math.	Criticism.	English Literature.	Criticism.
	General History.	Jun. Latin and Greek.	Soph. Ap. Math.	Geology.	Zoology.	Comp. Anatomy.
	Jun. Ap. Math.	General Chemistry.	Rhetoric.	Jun. Astronomy.	Freshman Latin.	Jun. Mod. Lang.
	Sophmore Latin.	Fresh. Mathematics.	Fresh. Mod. Lang.	Soph. Mod. Lang.	Fresh. Ap. Math.	Soph. Math.
	Freshman Botany.	Jun. French.	Fresh. Greek.	Soph. Greek.		Fresh. Physics.
	Jun. German.			Fresh. English.		

COURSES OF INSTRUCTION.

MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's Department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

TEXT BOOKS.

Porter's Intellectual Science. Alexander's Evidences of Christianity.
Wayland's Moral Philosophy. Bowen's Logic.
Townsend's Civil Government. Perry's Political Economy.
In English Literature—Marsh, Trench and Shepherd.

NORMAL.

PROF. GATES.

The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English Branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends:

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

ANCIENT LANGUAGES.

PROF. LEVERETT.

SCHOOL OF ANCIENT LANGUAGES.

There are four classes in Latin and the same number in Greek. The mode of instruction is by translations from the Text Books into English, and from English into Latin and Greek. The principles and idioms of the languages are carefully studied, with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek, or their equivalents, and must have read two books in Cæsar's Commentaries, and two books of Xenophon's Anabasis.

TEXT BOOKS.

LATIN—FRESHMAN CLASS.

Cæsar—Third and Fourth Books.
Æneid—Six Books.
Cicero's Orations against Cataline.
Exercises in Writing Latin Composition.

SOPHOMORE CLASS.

Horace—Odes, Epodes, and Selections from Satires and Epistles.

JUNIOR CLASS.

Livy—Three Books. Tacitus—Germania, Agricola and Annals.
Juvenal's Satires.

SENIOR CLASS.

Selections from Cicero's Works. Pliny's Letters.
Critical Essays.

GREEK—FRESHMAN CLASS.

Xenophon's Anabasis (completed). Harkness' Greek Composition.
Exercises in Writing Greek.

SOPHOMORE CLASS.

Homer, (selections from Iliad). Herodotus, (selections).
Exercises in Writing Greek.

JUNIOR CLASS.

Demosthenes, (public orations). Aristophanes.
Selections from the Lyric Poets.

Books of Reference:—Liddel's Rome, Brown's Roman Literature, Smith's History of Greece, Appleton's Classical Atlas.

MODERN LANGUAGES.

PROF. EDMISTON.

The languages taught in this school are the French and the German. The full course in each occupies three years. The course for the first two years is complete in itself, and is designed to impart to the student such a familiarity with the idioms and vocabularies of the two languages as will enable him to read ordinary prose at sight. The third year is devoted to the literary and historical study of the two languages. Throughout the course much attention is given to translations from the English, both oral and written.

The full course in both languages is required for the degrees of Bachelor of Arts and Bachelor of Letters. For the English, Scientific and Engineering degrees, only a partial course is required, the student having the option of the full course in German with no French, or the full course in

French with one year of German, or two years of each. The authors selected for class use will vary somewhat from year to year.

FRENCH.

First Year: Joynes—Otto Lessons and Reader.

Second Year: Joynes—Otto Lessons; Prose Authors.

Third Year:—Borel's Grammaire Francaise; Brachet's Historical Grammar; Classic and Modern Authors.

GERMAN.

First Year:—Ahn's Method; Buchheim's Reader.

Second Year:—Ahn's Method; Easy Prose; Schiller's Maria Stuart.

Third Year: Advanced Grammar; Classic and Modern Authors.

ENGLISH AND HISTORY.

MISS HARRIS.

English: One year's work in English Diction and the elements of Composition and Rhetoric, is required of all classes.

By candidates for literary degrees English work is continued through the Sophomore and Junior years, involving, in the Sophomore, the study of Rhetoric with practical application of principles in composition and criticism; in the Junior, a careful study of representative English works and a general view of the history of English literature.

Of applicants for the English degree, a special course in Anglo-Saxon and Early English, with detailed study of language and literature, is required.

Elocution: One year's class-work, with individual training throughout the course, is given in Elocution.

History: In the Junior year the history of the principal nations of the earth is studied in outline, preparatory to a Senior course in the philosophy of history. An advanced course in U. S. History is given to applicants for the English degree.

Sophomores will find convenient, and Juniors indispensable, books of selections from American orators and from the British poets. Editions of standard poets (Milton, Tennyson, Young, etc.) will be of service. It is preferred that Shakespeare's plays be purchased in the editions which will be recommended to the class, though any complete edition will be useful for reference.

PURE MATHEMATICS.

PROF. GRAY.

The course of study for the various degrees is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry, Descriptive Geometry, Solid Geometry and Calculus.

ALGEBRA

(taught by the use of text and reference books and frequent lectures) is confined to the first term of the Freshman year, and embraces the elementary principles; equations; simple and quadratic; ratio, proportion, progression, inequation and differentiation; intermediate coefficients; trinomial theorem in development of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

GEOMETRY

(taught by the same methods as mentioned for Algebra) is confined to the second and third terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurement of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under the subjects, a variety of original and practical problems for class work.

TRIGONOMETRY

(taught by the use of approved text books and familiar lectures) is confined to the first term of the Sophomore year; and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc., the use of logarithms; oblique and right angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Plane and Spherical Trigonometry in the mind, applications are made to surveying and navigation, during the second term of the Sophomore year.

TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practised on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice, with compass, chain, level and rod:—

TO NAVIGATION,

by problems in plane sailing; differences in latitude and longitude; Mercator's sailing; computing meridianal parts; sailing in currents; finding places by solar and lunar observations, practical use of quadrant.

DESCRIPTIVE GEOMETRY

is taught in the second term of the Sophomore year by lectures and use of Church or Warren's text books.

ANALYTICAL GEOMETRY

is taught by lectures and use of text books, and is confined to two terms, and embraces the Cartesian method of coordinates; construction of equations; transformation of coordinates, and properties of the Conic sections.

CALCULUS

is taught by the use of text books and familiar lectures. This study embraces Differential Calculus applied to the differentiation of algebraic, exponential, logarithmic, trigonometrical and circular functions ; successive differentiations ; differential co-efficients ; implicit and compound functions ; Maclaurin's formula ; Taylor's formula ; evolutions of indeterminate expressions ; maxima and minima of functions of one variable.

APPLIED MATHEMATICS.

PROF. LANE.

For students wishing to pursue the Engineering Course, a course of special training in English, French, German, Elementary Mathematics and drawing has been provided, embracing the first year in the Collegiate Department.

The school of Applied Mathematics is designed as the basis of the course in Civil Engineering and Mining Engineering. The work proper begins with the first term of the second or Sophmore year, and embraces a three years' course in the application of Pure Mathematics to the solution of such problems as are constantly presented to the practical engineer.

The course is divided as follows :

GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large are small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves in the field. Higher Geodesy and the projection of maps will be taught in the second term of the third year.

PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in Pure Mathematics. Each of the systems, orthogonal, axonometric and oblique, are discussed, and students construct the projections of various objects presented.

(C) CENTRAL PROJECTIONS.*

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects, both simple and regular in form.

ROADS, RAILWAYS, TUNNELS AND CANALS.

The principles of the construction of each of these are fully presented, and, as far as practicable, students are required to apply for themselves these principles in the field, in laying out and staking curves, computing various cuts and fills, etc.

STRENGTH OF MATERIALS.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected are taught, and the student is required to apply his knowledge to the solution of a number of problems relating to the stability of different structures.

(C) ARCHES, BRIDGES, ROOFS.*

The general principles of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the working drawings for different constructions, and calculate the stability required in the various parts.

(C) ARCHITECTURE.*

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern styles of public and private buildings. Plans, elevations and perspective drawings of various kinds of buildings are made by students.

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*Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.

MACHINES AND MACHINERY.

The subject embraces the gearing of machinery, study of various machines in detail, construction of mill-work, and a course in design.

HYDRAULIC ENGINEERING.

In this branch of the subject are taught the methods of collecting, conveying and distributing water for city supplies and manufacturing purposes; construction of reservoirs and sewers; theory of river and coast improvements, and theory of hydraulic motors.

ENGINES

The student has his attention drawn to the mechanism, working and use of various kinds of steam and gas engines, locomotives, etc.

(M) MINING *

Here are studied the various operations of sinking vertical and inclined shafts, and driving tunnels; the means of ventilating mines—the machinery used; and the estimation of costs in working a mine.

(M) UNDERGROUND SURVEYING.*

Under this head are taught the methods of laying out work underground, and the construction of lines of communication beneath the surface.

(M) UNDERGROUND STRUCTURES.*

In this subject the attention of the student is called to the constructions that are necessary in mining, and, as far as possible, an idea is given him of the circumstances on which these will depend, and the best means of securing stable structures in any given case.

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*Subjects marked (M) are only required in the course of Mining Engineering.

DRAWING.

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. Students in the course of Civil Engineering pursue this course throughout the entire three years; for those in Mining Engineering the subject is not carried to the same extent. But in both courses it is as far as possible made parallel with the above mentioned branches. Each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A commodious drawing room has been fitted up with the most approved style of furniture. But each student has to provide himself with suitable drafting instruments. The cost of such a set will be about fifteen dollars.

FIELD WORK.

The Engineering department is furnished with surveyor's and engineer's field instruments of the best construction. These are taken separately and explained to the class. Students are required to apply their knowledge to the making of actual surveys, laying out and staking curves, running levels, calculating cuts, fills, etc.

The work, like the course in drawing, is more limited for the students in Mining Engineering, but for those in Civil Engineering, it extends through the entire course. Students in each class are required to show skill and ability for the performance of the field operations of their profession.

TEXT AND REFERENCE BOOKS.

Warren's Course—Including "Free Hand Drawing. Elementary Plane Problems.
Elementary Projection Drawing. Descriptive Geometry. Shades and Shadows.
Linear Perspective."
Troutwine's Pocket Book.
Smith's Topographical Drawing.
Barry's Railway Appliances.
Rankine's Works.—Civil Engineering, Machinery and Mill Work.
Mahan's Civil Engineering.
Vose's Manual for Railway Engineers.

NOTE.—Additions will be given in the form of notes on points where they are deemed necessary.

PHYSICS AND CHEMISTRY.

PROFESSOR CONRAD.

PHYSICS.

This department embraces Physics proper and Astronomy.

Physics.—The Freshman Class studies *Elementary Physics* during the last two terms. The course embraces the groundwork of future scientific study, and gives correct ideas on common phenomena in every day life. Additional apparatus has been purchased, and the subjects will be fully illustrated.

Text Books.—Wells' (new edition); Notes and problems.

The Senior Class studies *Advanced Physics* during two terms.

Text Books.—Ganot's Physics; Notes and Problems.

Astronomy.—The Junior Class studies *Descriptive Astronomy* during the third term.

Text Books.—Newcomb & Holden.

The Senior Class studies *Spherical and Physical Astronomy* during two terms. Recent additions of charts, photographs, etc., will add to the interest of this study. A small telescope will be brought to the aid of the student.

Text Books.—Newcomb & Holden. *Reference.*—Norton.

CHEMISTRY.

This department is divided as follows:

GENERAL CHEMISTRY.

This course is studied by the Sophomore Class during the entire year. The first term is devoted to Chemical Physics, embracing the application of the Metric System, Specific Gravity, Analytical Balance, the principles of Osmose and Diffusion, and the laws of Heat, Light, and Electricity, in their bearing upon future studies in Chemistry.

Text Books.—Pynchon; Notes & Problems. *Reference.*—Miller, Cooke.

The study of Chemistry begins with the second term.

The aim in this class is to secure, first of all, a thorough understanding of the principles of Chemical Philosophy. Much attention is given to the solution of problems, illustrating chemical combination by weight and by volume, and the use of chemical symbols. In the treatment of the non-metallic and metallic elements, and in the presentation of the main facts and principles of Organic Chemistry, it is the design to show the application of the principles of Modern Chemical Theory, as well as to bring out such facts, and their application in the arts and manufactures, as are of common interest. The lecture room has been well fitted up, and supplied with ample facilities for class illustration.

Text Books.—Wurtz; Notes and Problems. *Reference.*—Barker, Cooke, Fownes, Miller, Roscoe, Naquet.

ANALYTICAL CHEMISTRY.

This study may be taken up by all students. It embraces Blowpipe Work and Determinative Mineralogy, Qualitative Analysis, Assaying and Metallurgy. The student is taught the use of the Blowpipe and the mode of detecting simple substances; ample practice in this and other forms of chemical manipulations being given. A systematic course of Qualitative Analysis is then taken up, and having learned to detect the more important chemical substances, the student is required to analyze and report upon substances given him, including mixtures of salts, ores, and other compounds. Quantitative Analysis is at first confined to known substances; when confidence and accuracy have been acquired, the student is given, in progressive series, more difficult substances, as ores, minerals, manures, soils, mineral waters, technical products, etc. Determinative Mineralogy is studied by the aid of the blowpipe during the first term of the Junior year. A course of fire assaying, adapted to the grade of each class, is pursued during the winter months. Especial attention will be given to the Analysis of State Minerals and Ores. The laboratory is provided with two of Becker's best balances, and recent appropriations will materially aid in supplying apparatus.

Each student in the Chemical Laboratory is required to deposite $10, and is furnished with working table, reagents and necessary apparatus. At the close of the session, he will be credited with such articles as may be returned in

INDUSTRIAL CHEMISTRY.

This course, which is taken up in the Senior year, embraces a discussion in detail of the processes and chemical principles involved in the application of Chemistry in the more important Arts and Manufactures, in the reduction of ores, the preparation of material for food and drink, for clothing, shelter, heating, illumination, cleansing, writing printing, etc.

Text Books.—Wagner's Chemical Technology. *Reference*.—Watt, Ure, Muspratt, Appleton's Dictionary.

drainage, etc.

TEXT BOOKS.—S. W. Johnson, J. F. W. Johnson, Liebig. For Agricultural Chemical Analysis,—Church & Caldwell.

In connection with the Normal Work of the University, opportunity will be afforded, by practical work in the Laboratory, to those who desire to familiarize themselves with the actual manipulation necessary for giving instruction in physics and chemistry.

NOTE.—Applicants for other than scientific degrees are only required to reach Second Division Grade in General Chemistry.

and Diffusion, and the laws of Heat, Light, and Electricity, in their bearing upon future studies in Chemistry.

Text Books.—Pynchon; Notes & Problems. *Reference.*—Miller, Cooke.

The study of Chemistry begins with the second term.

The aim in this class is to secure, first of all, a thorough understanding of the principles of Chemical Philosophy. Much attention is given to the solution of problems, illustrating chemical combination by weight and by volume, and the use of chemical symbols. In the treatment of the non-metallic and metallic elements, and in the presentation of the main facts and principles of Organic Chemistry, it is the design to show the application of the principles of Modern Chemical Theory, as well as to bring out such facts

practice in this and other forms of chemical manipulations being given. A systematic course of Qualitative Analysis is then taken up, and having learned to detect the more important chemical substances, the student is required to analyze and report upon substances given him, including mixtures of salts, ores, and other compounds. Quantitative Analysis is at first confined to known substances; when confidence and accuracy have been acquired, the student is given, in progressive series, more difficult substances, as ores, minerals, manures, soils, mineral waters, technical products, etc. Determinative Mineralogy is studied by the aid of the blowpipe during the first term of the Junior year. A course of fire assaying, adapted to the grade of each class, is pursued during the winter months. Especial attention will be given to the Analysis of State Minerals and Ores. The laboratory is provided with two of Becker's best balances, and recent appropriations will materially aid in supplying apparatus.

Each student in the Chemical Laboratory is required to deposite $10, and is furnished with working table, reagents and necessary apparatus. At the close of the session, he will be credited with such articles as may be returned in good order; the cost of materials used and the value of articles injured or destroyed will be deducted from the deposit.

TEXT BOOKS.—Landauer, Brush, Clowe's, Fresenius, Ricketts, Mitchell, Phillips, Crooke & Rohrig's Metallurgy.

AGRICULTURAL CHEMISTRY.

A course of lectures will be delivered, embracing a discussion of the physical and chemical properties of soils, and the chemistry of vegetable life and growth, of manures, of composting, of such farm operations as plowing, fallowing, drainage, etc.

TEXT BOOKS.—S. W. Johnson, J. F. W. Johnson, Liebig. For Agricultural Chemical Analysis,—Church & Caldwell.

In connection with the Normal Work of the University, opportunity will be afforded, by practical work in the Laboratory, to those who desire to familiarize themselves with the actual manipulation necessary for giving instruction in physics and chemistry.

NOTE.—Applicants for other than scientific degrees are only required to reach Second Division Grade in General Chemistry.

BIOLOGY AND GEOLOGY.

PROF. HARVEY.

GENERAL BOTANY.

begins with the Spring term of the Freshman year, and is continued through the first term of the Sophomore year.

The first term is devoted to a consideration of the structure and uses of the organs of plants, together with analysis, classification and study of the easier orders of flowering plants.

Students do laboratory work, and prepare one hundred species for an Herbarium. In those courses where Botany is studied but one term, a collection of only fifty species will be required.

The second term is devoted to a study of the Compositæ, Gramineæ, Cyperaceæ, and other difficult orders, together with a course in Cryptogamic and Economic Botany.

CRYPTOGAMIC BOTANY

embraces a consideration of the characters of equisetums, ferns, mosses, liverworts, ground pines, fungi, lichens, and algæ.

The ferns of the State are classified. The economic value of fungi and lichens is considered, also the prominent forms of injurious fungi.

ECONOMIC BOTANY

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions: fibre, food, forage, medicinal and ornamental plants; plants yielding dyes, gums, spices, narcotics, etc.

BOTANICAL TEXT AND REFERENCE BOOKS.

Gray's Manual and Lessons. Wood's Botany. Gray's Structural Botany.
Sach's Text Book. Various Catalogues and Government Reports.
United States Dispensatory. Gray's Genera Illustrata.

Torry & Gray's Flora of North America.
Bessey's Botany. Gray's Flora of North America. Chapman's Southern Flora.
LeMaout & Decaisne's Descriptive and Analytical Botany.

COMPARATIVE ZOOLOGY.

This subject occupies the second and third terms of the Sophomore year; embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of a compound microscope.

PHYSIOLOGY.

Advanced Physiology is considered during the first term of the junior year. It will embrace Human Anatomy, Physiology and Hygiene.

COMPARATIVE ANATOMY

occupies the third term of the Junior year, and embraces a comparison of the muscular, osseous, nervous, digestive, circulatory and respiratory systems in man, with those of the lower animals.

ADVANCED BIOLOGY

is pursued as indicated in the courses of study and embraces laboratory work and classification.

REFERENCE AND TEXT BOOKS IN ZOOLOGY.

Flint and Dalton's Works on Physiology.
Gray's Anatomy.
Orton's and Nicholson's Works on Comparative Zoology.
Owen's Physiology and Anatomy of Vertebrates.
Carpenter's Principles of Comparative Zoology.
Darwin's Works.
Cou's Key to North American Birds.
Tenny's Manual of Zoology.
Packard's Guide to the Study of Insects.
Flint's Insects Injurious to Vegetation.
Various Government Reports.
Chauveau's Comparative Anatomy.
Jordon's Manual of Vertebrates.
(Entozoa, Cobbold.)
(Veterinary Surgery, Williams.)
Wallace's Distribution of Animals.
Packard's Manual of Zoology.

COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

MINERALOGY AND LITHOLOGICAL GEOLOGY

occupy the first term of the Junior year, and consider rock masses and mineral species. The work is impressed by cabinet specimens and blow-pipe analysis. State minerals receive special consideration.

DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second and third terms of the Junior year, and embrace a study of the forces that have and are still modifying the features of the earth; together with a consideration of the principles upon which geologists divide the strata of the earth into ages, periods, etc.

ECONOMIC GEOLOGY.

embraces methods of conducting surveys, relation of mineral deposits to geological formations, selection of building materials, etc.

Students, who take the full course in Geology, are required to classify fossils, do field work, and elaborate their observations.

TEXT BOOKS.

Dana's Text Books and Manuals. LeConte's Geology. Lyell's Principles.
Cornell, Guyot and Warren's Physical Geographies.
Geological Surveys of many of the States. Also Government Reports.

MILITARY DEPARTMENT.

Instruction in this department is designed to impart to each male student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion; the duties of guards, outposts and pickets.

The drills occur not over three times a week, and being short, involve no hardship, while it is manifest that they afford a good health-giving exercise, and aid in the development of the physique and manly carriage of the cadet. The entire body of male students is divided into companies, which are officered by cadets, selected for proficiency in drill, good deportment and scholarship. The cadet officers are regarded as assistants in the enforcement of discipline, and their orders, while on duty, are considered as duly authorized, and must be obeyed accordingly.

Cadet officers are expected and required to set examples of military deportment and general good conduct.

A neat suit of cadet gray, with brass buttons and black trimmings, will be required to be worn by all males.

The following is the description:

COAT—(Full Dress): Frock, of cadet material; single-breasted; nine buttons in front, four buttons on skirt in rear, three small buttons on each cuff. The skirt to extend from one-half to three-fourths the distance from the hip-joint to the bend of the knee. Coat to be piped with black; standing collar, not less than one nor more than two inches in width, of black cloth, cut square to hook close in front. Skirt of coat on each side of spring behind to be faced with black cloth; two bands of black cloth, one-half inch in width and one inch apart, on each sleeve, two and one-half inches from the end.

BLOUSE—(For Squad and Company Drill, and other duty when authorized by proper authority, and for ordinary wear: A sack coat of a good article of cadet gray, falling collar, single-breasted, with five buttons in front, and three on each cuff; the skirt to extend from one third to two-thirds of the distance from the hip-joint to the bend of the knee; no outside pockets; piped wtih black.

PANTALOONS—To be cadet gray, same material as coat, with stripe of black cloth one inch wide down outside seam.

FORAGE CAP—Dark blue cloth, according to pattern, with initials "A. I. U.," surrounded by wreath, all in silver.

Cadets acting as officers and non-commissioned officers shall be designated by the following badges:

CAPTAIN—Chevrons of four bars of black cloth one-half inch in width, on each arm above the elbow, point up.

LIEUTENANT—Chevrons of three bars, same material and pattern, point down.

ADJUTANT—The Lieutenant's chevron with an arch.

QUARTERMASTER—The Lieutenant's chevron with a horizontal bar.

SERGEANT—Chevrons of two bars, same material and pattern, point down.

FIRST SERGEANT—Sergeant's chevron, with a lozenge.

COLOR SERGEANT—Sergeant's chevron, with a star.

CORPORAL—Chevrons of one bar, same material and pattern.

COLOR CORPORAL—In addition to Corporal's chevrons, will wear upon both sleeves a star of black cloth, two inches in diameter.

Such uniform can be obtained in Fayetteville, and will be found more healthful and cheaper than ordinary clothing.

ROSTER OF BATTALION A. I. U. CADETS.

COL. O. C. GRAY, COMMANDANT.

STAFF OFFICERS.

J. B. McDONOUGH, *First Lieutenant and Adjutant.*
J. W. PICKEL, *Second Lieutenant and Acting Quartermaster.*
W. R. CHERRY, *Second Lieutenant and Ensign.*
DANIEL HON, *Ordnance Sergeant.*
C. O. BATES, *Sergeant-Major.*
W. W. ENGLAND, *Color Sergeant.*

LINE OFFICERS.

"A" Company.

A. H. CARRIGAN, *Captain.*
T. F. OATES, *First Lieutenant.*
P. A. ROGERS, *Second Lieutenant.*
J. M. HILL, *First Sergeant.*
E. A. BARBOUR, *Second Sergeant.*
W. H. MORTON, *Third Sergeant.*
L. S. ANDERSON, *Fourth Sergeant.*
B. F. TERRY, *Fifth Sergeant.*

"B" Company.

W. D. BROWN, *Captain.*
GUSTAVE JONES, *First Lieutenant.*
W. P. BOOTH, *Second Lieutenant.*
J. L. TAFF, *First Sergeant.*
W. H. DUNCAN, *Second Sergeant.*
J. F. SMITH, *Third Sergeant.*
E. W. HILLIS, *Fourth Sergeant.*
W. P. GOODWIN, *Fifth Sergeant.*

A. I. U. Cornet Band.

First Lieutenant R. E. L. VANWINKLE, *Leader.*
First Sergeant J. A. M. LANIER, *First Tenor.*
Sergeant C. D GREAVES, *First B. Flat.*
Sergeant G. B. MOORE, *Second B. Flat.*

Sergeant J. H. Bates, *Second B. Flat.*
Sergeant C. K. Chanslor, *First Alto.*
Sergeant D. A. Gates, *Second Alto.*
Sergeant T. A. Ross, *Second Tenor.*
Sergeant W. H. Woodall, *Baritone.*
Sergeant H. Stroup, *Tuba.*
Sergeant G. C. Shell, *Bass Drum.*
Sergeant Carl Gray, *Snare Drum.*

DEPARTMENT OF MUSIC.

Miss LIZZIE G. TOWNES.

PIANO-FORTE.

This course of instruction comprises four years. In case of close attention and extraordinary ability, on the part of the pupil, the required standard may be reached in less time.

FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercises, practice of the Scales and such intellectual studies as will prepare the student for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

SECOND YEAR.

Practice of the Scales; arpeggios, and studies of Czerny, Moschelles, Clementi, etc., and the easier compositions of Mozart, Clementi, Beethoven, etc.

THIRD YEAR.

Practice of the Scales, development of the trill, wrist practice, advance studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

FOURTH YEAR.

Studies of Cramer, Rubinstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven etc.

Great care will be taken to develope a taste in the pupil for the purest and noblest order of Music.

VOICE CULTURE.

Development of a pure tone. Studies designed to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Lutgen, Rossini, Marchesi. Concone, Bordogni.

VIOLIN..

FIRST YEAR.

Practice of bowing, finger exercises, Manzas' Instructor.

SECOND YEAR.

Etudes of Dancla and instructive arrangements from the Operas.

THIRD YEAR.

Kaisers Etudes; Sonatas by Hayden, Schubert, etc.

FOURTH YEAR.

Kreutzer's Etudes, compositions by De Beriot. Kreutzer, etc.

TERMS.

TWO LESSONS PER WEEK.

Piano-Forte, primary pupils	$10 00 per term.
Piano-Forte, advanced pupils	15 00 per term.
Voice Culture, class of four, each	3 75 per term.
Voice Culture, class of three, each	5 00 per term.
Voice Culture, class of two, each	7 50 per term.
Voice Culture, private lessons	15 00 per term.
Violin, class of five, each	3 00 per term.
Violin, class of four, each	3 75 per term.
Violin, class of three, each	5 00 per term.
Violin, clas of two, each	7 50 per term,
Violin, private lessons	15 00 per term.
Use of Piano, one hour per day	3 50 per term.

One-half of tuition must be paid in advance, balance at the end of term.

No deduction will be made on account of absence from recitations, excepting in cases of prolonged sickness; then the loss will be shared equally between student and teacher.

Certificates of proficiency will be given.

No charge is made to the student for the following work:

The Preparatory Department will receive instruction in Vocal Music once a week.

Collegiates, Vocal instruction once a week

Advanced pupils in music, harmony once a week.

The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing twice a week.

Orchestra meets for practice twice a week.

PREPARATORY DEPARTMENT.

Students are not admitted in this department until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Substraction, Multiplication and Division, and also of Common and Decimal Fractions. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of Penmanship, and the spelling of ordinary words of the grade of the Fourth Reader. These qualifications are the test of admission at the beginning of the session; those applying later will be admitted only on the grade of the class.

In reading, the aim will be, first, to develope in the student a full, complete and definite idea of the meaning of the sentence; second, to obtain from the student a natural, easy and graceful expression of the entire thought, as embraced in the sentence.

Spelling will be required of students throughout the entire course, and an endeavor made to secure the correct use of letters and other marks in the formation of every word used.

English Grammar will be taught by requiring the students to form sentences of their own, as well as to analyze those of others. Thus Grammar and Composition will go hand in hand. The student will gradually be led from the simplest constructions to those the most difficult and abstruse. The instruction of the C class will be oral, but as the comprehension of the student enables him to use books to advantage, they will be placed in his hands.

In Arithmetic, processes precede principles, and the object will be to obtain, first, a full understanding of methods, then accuracy in work, and finally, rapidity. Much parallel work is given. Each recitation will be conducted both orally and in writing. Arithmetic is completed in the A year.

In Algebra, students are required to master everything to equations of the second degree.

Oral geography will begin in the C class, with map drawing and familiar lessons concerning known localities, and as the comprehension of the student enables him to use text books to advantage, they will be placed in his hands. Map drawing will be continued until the course is finished. Drawing will be taught regularly only as applied to mathematics and sciences.

The course in Latin includes a thorough mastery of the 1st and 2nd books of Cæsar's Commentaries, as well as the principles of the grammar.

The Greek year is devoted to a mastery of inflections and elementary construction. Students are exercised by frequent translations from English into Greek and Latin.

TEXT BOOKS.

Reading—Appleton. Penmanship—Spencerian.
English Grammar—Reed & Kellogg. Arithmetic—White.
Geography—Monteith. Latin. Algebra—Wentworth. Greek.
English Composition—Hart. United States History—Ridpath.

COURSE OF STUDY.

C CLASS.

Reading and Spelling..
Penmanship.
Grammar, Oral and Spelling.
Arithmetic.
Geography, Oral and Map Drawing.

B CLASS.

Reading and Spelling.
Penmanship.
Grammar and Spelling.
Arithmetic.
Geography.

A CLASS.

CLASSICAL.	ENGLISH.
Arithmetic (completed).	Arithmetic (completed).
Latin.	English Grammar.
English Grammar.	Geography.
Reading and Spelling.	Reading and Spelling.
Penmanship.	Penmanship.

SUB-FRESHMAN.

CLASSICAL.	SCIENTIFIC, ENGINEERING AND AGRICULTURAL.	ENGLISH.	NORMAL.
Algebra.	Algebra.	Algebra.	Algebra.
Latin.	Drawing.	English Composition.	English Composition
Greek.	English Compo'n.	U. S. History.	U. S. History.
Read'g and Spell'g.	Read'g & Spell'g.	Read'g and Spell'g.	Reading.
Penmanship.		Penmanship.	Latin.
			Penmanship.
			Pedagogics.

GENERAL INFORMATION.

This institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

AIMS OF THE UNIVERSITY

The aim of the University is to comply strictly with the Acts of Congress and the Acts of the General Assembly of this State, providing for and establishing it; and in order to this end the University is "to teach such branches of learning as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

LOCATION.

The Arkansas Industrial University is located within the corporate limits of the town of Fayetteville, Washington county. The location is thought to be unsurpassed by any other locality in the state, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

PROPERTY.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington county, and the town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to $300,000 in value.

The bonds of the county of Washington, $100,000, and of the town of Fayetteville, $30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have, by the action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

ACCESSIBILITY.

Students may reach Fayetteville from the south by a daily line of stages from Alma, and from the north by daily trains upon the Arkansas Branch of the St. Louis and San Francisco Railroad, which will soon be completed to the Little Rock and Ft. Smith railroad on the south.

Students on arriving at Fayetteville must report at once to the President of the University. No student will be allowed to recite in any class until properly enrolled, but will be held responsible for his conduct from the time of his arrival in Fayetteville.

TERMS.

The Scholastic year of the University consists of two terms of thirteen weeks and one term of fourteen weeks. There is no vacation between terms.

CALENDAR.

The terms commence and end as indicated by the following.

CALENDAR FOR THE SCHOLASTIC YEAR 1882-83.

The Autumn Term will commence on the 4th of September, 1882, and close December 1st 1882.

The Winter Term will commence December 4th, and close March 2nd, 1883.

The Spring Term will commence March 5th, 1883, and close June 7th, 1883.

HOLIDAYS.

The only holidays allowed are Christmas and Thanksgiving days.

DEMERIT AND GRADING SYSTEM.

By any violation of University law, or any neglect of duty the student will incur a number of demerits proportional to the gravity of the offense, and on receiving 200 of these demerits will be dismissed.

Every recitation of each student is marked according to its merit, using 100 as the maximum, and the average of all these marks is compounded with the examination and conduct marks, so as to determine the general or final average, and in making up the averages, each study counts in proportion to the number of recitations for the week, while conduct counts with the study taken the greatest number of times per week.

Each demerit received for the term takes off one half of one from the deportment mark, thus, if a student have ten demerits his deportment mark will be 95, which counts as a study mark.

The first man in each class of the Collegiate Department is indicated in the catalogue by the number 1, and the second by number 2, etc., etc.

DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow students (even though he be guilty of no gross violation of the College law), they may write his parents or guardian to withdraw him, and may proceed to dismiss him should the request not be complied with.

The strictest attention to study and most exact punctuality in attendance on recitations and all other duties are made the conditions of every student's continuance at the University.

DISCIPLINE.

As discipline, to be effective, must be uniform, just, impartial and *final*, no appeals need be made after a decision of the Faculty, to procure a reversal of that action, unless new evidence can be produced or clear proof can be given of error in the testimony upon which the decision was procured.

To relieve the Faculty from the odium of espionage upon the students, the element of self-government has been introduced into the University.

By the adoption of a monitorial system as an adjunct to the military, the discipline of the Institution is placed largely in the hands of the students themselves.

The officers detailed for duty, have, with rare exceptions, proved efficient and faithful, showing neither fear nor favor. The obedience of the great mass of students, to the authority of their fellows acting in official capacity, has been cordial and sincere. The only trouble having been with ill-trained youth, who had never at home been taught to respect their parents or themselves. In fact, the idle and disobedient at home, are idle and disobedient at school; while those who are comforts to their parents, are comforts to their teachers also. Insubordination in College is a necessary sequence of defective family government.

RESTLESSNESS.

The greatest obstacle to-day, in the way of successful educational work, is the restlessness and lack of persevering pluck in American youth. We find that the vast majority of our students do not come to the University with any thought of remaining until graduation, and many think they have accomplished wonders by remaining a single term of three months. Those who exhibit such a deplorable lack of pertinacity in youth, can scarcely be expected to succeed in after life. They will succumb under the first serious difficulty. Parents who yield to the importunities of their children to quit school, because of some discouragement, do thereby foster in them a weakness which must be fatal to all vigorous manhood and healthful development. We hope that the students who come up in September, will come with the determination to let no slight impediment turn them back from the path that leads to knowledge, honor and usefulness.

WITHDRAWAL OF STUDENTS.

Parents, or guardians, who wish to withdraw their children or wards from the University, should write to the President of the Faculty, stating their wishes. Unworthy students, sometimes, deceive the Faculty by pretending that their parents desire them to return home. No honorable discharge will be given to a student under age, who is unable to produce the written application of his parent or guardian for his withdrawal. Nor will an honorable discharge be given to a student under censure of any kind; whether for neglect of study, neglect of duty, or other cause, even though he may have the consent of his parent or guardian for his withdrawal from the University.

RELIGIOUS SERVICES.

Religious services are held every morning and evening in the chapel.

All students are required to attend these exercises, and also to attend the Bible Class, the exercises of which are held in the chapel on Sunday, unless excused, as provided by the Board of Trustees. Opportunities are afforded for attending church, and students are expected to attend the one of their choice at least once on a Sabbath.

Will parents see that their children are furnished with Bibles on leaving home for the University?

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is organized in the Institution a Young Men's

Christian Association, which holds its meetings in the University building.

Forty-eight members were enrolled during the session closing June, 1882.

This organization affords those disposed to profit by its privileges, the means of Christian culture, and the encouragement of upright associates.

RESOLUTIONS BY THE BOARD OF TRUSTEES.

The following resolutions introduced by Trustee Doswell, were adopted by the Board:

Resolved, That the Faculty of the Arkansas Industrial University, be, and they are hereby intrusted with full power and authority to manage and control the University in all matters, educational and disciplinary, without interference from any other source; subject only to appeal to and review by the Board of Trustees, at a full meeting of the Board.

Resolved, That the Faculty are requested, under these resolutions, to take control and management of the Steward's Hall, and admit as many and such students therein as they deem proper, and regulate their conduct and the conduct and management of the Steward in charge of the Hall.

Resolved, That all resolutions of this Board, in conflict herewith, be, and are hereby repealed.

The following resolution submitted by Trustee Thompson, was adopted:

Resolved, That the regulations, heretofore passed by this Board, prescribing a certain uniform dress for the young ladies of the Institution are hereby repealed.

The following resolutions, submitted by Gen. Hill, and recommended by Trustee Jones, were adopted:

Resolved, That the President be regarded as the head of the A. B. department; and that the other departments be distributed among the Professors by themselves in Faculty meeting; and that each Professor be considered as the head of the department in which he has an excess of work, and that when there is no such excess, the department shall be assigned to the President.

2nd. That students choose such studies as they please, but shall not get a diploma in any department without the approval of the head of that department; and it shall be proper for all the Faculty to sign their diplomas.

3rd. A student may drop a study or studies in any department, provided he take a study or studies to which an equal amount of time be given, and provided he carry four studies.

4th. That on the recommendation of five Professors, with whom he has completed the specified work, or its equivalent in the same course, a student shall be entitled to the degree of Bachelor of Philosophy, and to the signature of the President and Secretary of the Faculty.

5th. That these resolutions be not retrospective, so as to apply to students who are now graduates, but shall supersede, for the future, all past legislation on the subject of degrees.

JUNIOR HONORS.

The Faculty every year selects from the Junior class, as class orators to represent the class during commencement week, the two young men who have attained the highest standing during the year. Each of the college societies is also represented at the same time by one of its members chosen from the Junior class.

For the year 1881–82, these honors were conferred as follows:

Class Orators.—Mr. C. D. Greaves, Hot Springs, Ark., and Mr. H. Stroup, Webb City, Ark.

Philomathean Orator.—Mr. C. O. Bates, Washington county, Ark.

Mathetian Orator.—Mr. R. E. L. Van Winkle, Benton county, Ark.

Euphradian Orator.—Mr. G. B. Moore, Pine Bluff, Ark.

GRADUATING ORATIONS OF THE CLASS OF 1882.

MAN, THE SHEKINAH.—W. D. Brown, Newton county, Ark.

THE INFLUENCE OF PARTYISM.—W. P. Booth, Phillips county, Ark.

POLITICAL RETRIBUTION.—A. H. Carrigan, Jr., Hempstead county, Ark.

THE STRUGGLES OF SCIENCE.—C. K. Chanslor, Barry county, Mo.

THE UNITY OF NATURE.—W. R. Cherry, Logan county, Ark.

OFFICE-SEEKING.—Daniel Hon, Scott county, Ark.

IMMATERIALITY OF THE SOUL.—J. A. M. Lanier, Baxter county, Ark.

PATRIOTISM AND PLUNDER. *Valedictory.*—J. B. McDonnough, Sebastian county, Ark.

THE FUTURE POLICY OF THE SOUTH.—R. W. McFarlane, Sebastian county, Ark.

ANTI-SOCIALISM.—T. F. Oates, Pope county, Ark.

KNOW THYSELF.—J. W. Pickel, Franklin county, Ark.

GOVERNMENTAL INFLUENCE. *Salutatory.*—P. A. Rogers, Benton county, Ark.

LAW.—G. C. Shell, Woodruff county, Ark.

PRIZES.

Mr. B. H. Stone, of Fayetteville, gives annually a gold medal, valued at $25, for the best essay written by a student of the University; the Faculty of the University selects the subject and prescribes the method of competition.

A member of the Board of Trustees offers a prize of $25 to any student of the University, who after having passed a satisfactory examination in the antecedent sciences of the scientific course, attains the greatest proficiency in Geology.

D. Appleton & Co., New York, offers a prize of $25 to that Senior who has taken the highest standing in Mathematics during the four years of the Collegiate Course.

Dr. J. F. Simonds, of Fayetteville, offers a gold medal valued at $25, to be awarded to the best reader of the Preparatory Department, at the commencement exercises, June, 1883 ; the contest to be public in the chapel, between four students of the Preparatory Department, two males and two females, selected by the Faculty, the Board of Visitors to act as judges.

For the year 1881–82, these prizes were awarded as follows :

SIMONDS MEDAL.—Mr. R. B. Bridges, Franklin county, Ark.

STONE MEDAL.—Mr. Daniel Hon, Scott county, Ark.

APPLETON MEDAL.—Mr. W. R. Cherry, Franklin county, Ark.

LITERARY SOCIETIES.

Three Literary societies ("Mathetian" "Philomathean" and "Euphradian,") have been organized by the students of the College proper, and are in successful operation ; the last is composed exclusively of young gentlemen. The Preparatory Department, also, has four societies, the "Phamakoptan," the "Cleosophic," Kalligenian," and Alethian.

BOARDING HOUSES.

Students are required to board at such places as are selected by the Faculty, and are under the supervision of the President of the University. No change of boarding house will be allowed, except at the end of each term, unless under extraordinary circumstances, nor without the permission of the President. This regulation does not apply to students who are residents of Fayetteville, but the parents of such students are expected to see that they conform to the regulations of the University.

If at any time the influence of a boarding house be found pernicious, boarders will be removed at the instance of the Faculty.

EXPENSES.

Board, including fuel, lights and washing, is obtained from $10 to $15 per calendar month.

Day boarding can be had for from $8 to $10 per month.

All Beneficiary and Normal Students, on entering the Preparatory Department, and all *new* students, on entering any of the Collegiate Departments, are required to pay a matriculation fee of $5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of $10 per term, invariably in advance.

No student will be enrolled till all fees are paid, and no tuition fees will be refunded except in cases of sickness causing continuous absence of not less than twelve weeks.

POCKET MONEY.

The Faculty would advise parents to allow their sons but little pocket money. It has been well said in regard to students, that, "a pocket full of money and a head full of sense are seldom found together. Money can be sent monthly for the payment of boarding and other necessary expenses. Postal orders can always be cashed at the post office in Fayetteville. The President of the Faculty cannot personally take charge of the financial affairs of students.

STEWARD'S HALL.

The Trustees of the Arkansas Industrial University have fitted up the old building as a steward's hall. A steward has been elected who will receive at his table thirty-eight students in the building, at reduced rates, at $8 per month, giving them good, healthy, but not luxurious food. There will be a saving to each boarder of about $60 in the session. Students who expect to get into the steward's hall, must be on the ground the first of September.

Students who enter rooms at the Steward's Hall are required to take their meals there, and provide themselves with room furniture, bedding, lights and fuel, and to be orderly and cleanly.

LABOR.

The farm is small and affords but little remunerative labor. Students should not come here with the expectation of steady employment. While it is true that several students have paid their entire expenses in school by labor, it was done only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from eight to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

LIBRARY AND READING ROOM.

The University Library containing 1476 volumes, comprises some valuable works, and additions are constantly being made. Nearly all of the newspapers of the State are kept on file in the Library, and students have access to them as well as the books, at certain hours, each day. No Library fee is charged. Books can be taken from the Library, under proper restrictions, by the students.

The following named papers and periodicals have been furnished to the Library of the University, either by the publishers or by friends of the University:

Wheeler's Independent, Fort Smith, Ark.
Fort Smith Elevator, Fort Smith, Ark.
Fort Smith Weekly New Era, Fort Smith, Ark.
Russellville Democrat, Russellville, Ark.
Southwestern Presbyterian, New Orleans, La.
Western Methodist, Little Rock, Ark.
Central Presbyterian, Richmond, Ark.
Weekly World, Helena, Ark.
Van Buren Press, Van Buren, Ark.
Arkansas Beacon, Searcy, Ark.
Weekly Arkansas Gazette, Little Rock, Ark.
Arkansas Democrat, Little Rock, Ark.
Deaf Mute Optic, Little Rock, Ark..
Temperance Banner, Little Rock, Ark.
Batesville Guard, Batesville, Ark.
North Arkansas Pilot, Batesville, Ark.
Ozark Democrat, Ozark, Ark.
Monticelloian, Monticello, Ark.
Independent Arkansaian, Dardanelle, Ark.
Harrison Times, Harrison, Ark.
Musical Record, Boston, Mass.
Arkansas Sentinel, Fayetteville, Ark.
Fayetteville Democrat, Fayetteville, Ark.
The Blade, Fayetteville, Ark.
Alma Independent, Alma, Ark.
Arkansas Watchman, Beebe, Ark.
Prescott Dispatch, Prescott, Ark.
Marianna Index, Marianna, Ark.
Malvern Meteor, Malvern, Ark.
Log Cabin, Conway, Ark.
Waldron Reporter, Waldron, Ark.
New Departure, Carlisle, Ark.
American Journal of Education, St. Louis, Mo.
Woodruff County Vidette, Augusta, Ark.
Engineering and Mining Journal, New York.
Charleston Vindicator, Charleston, Ark.
Pine Bluff Weekly Press-Eagle, Pine Bluff, Ark.
Pine Bluff Commercial, Pine Bluff, Ark.
The Camden Beacon, Camden, Ark.

THE FOLLOWING IS A LIST OF PERIODICALS PURCHASED FOR THE LIBRARY,

St. Nicholas, (monthly).
Littell's Living Age, (weekly).
North American Review, (mothly).
Popular Science Monthly, (monthly).

Harper's Monthly, (monthly).
Scribner''s Monthly, (monthly).
New York Herald, (daily).
Scientific American, (weekly).
Chemical News, (weekly).
American Naturalist, (monthy).
Gardner's Monthly, (monthly).
Rural New Yorker, (weekly).
Prairie Farmer, (weekly).
Sunday School Times, (weekly).
Die Gartenlaube, (fortnightly).
Le Francais, (monthly).
Education, (bi-monthly).

SUMMARY PERIODICAL LITERATURE.

Magazines—monthlies	9
Magazines—weeklies	8
Newspapers	38

DONATIONS TO THE LIBRARY.

During the year ending June 8th, 1882, by

United States Government—Valuable Government Documents and Reports, 48 volumes.

Hon. T. M. Gunter—Report on Commerce and Manufactures; United States Geological Survey, Vol. VII; United States Geological Survey, Vol. IV; Report of Chief of Engineers, 1881.

Hon. T. D. Walker—Tenth Census United States; Report of Bureau of Ethnology.

Commissioner of Education—Two works on Industrial Education; Circular of Information; Report, 1882; Report of Michigan Board of Agriculture.

C. S. Hauptman—Washington County Dockets, 1837.

CABINET AND MUSEUM.

The Cabinet of Minerals consists of a collection of State Minerals, contributed by various parties of the State, and the Professors.

The private collections of the Professors, amounting to several hundred specimens, are at the disposal of the students, for study.

The University has but few specimens from outside the State.

There has been constructed an herbarium case large enough to hold the indigenous plants of North America, and such exotics as are of economic value. It will be the work of years to complete a collection of the plants of North America, but the work will be immediately begun.

The private Herbarium of the Professor amounts to 2,000 specimens. Students will have access to it in the prosecution of their work.

There are about 500 species of Animal Specimens, to illustrate the various departments of Zoology.

Appropriations have been made to purchase a geological map of the United States, and rocks and fossils, to illustrate Dana's Section, which, together with fossils found in Arkansas, will quite fully illustrate the subject.

Collections in all the departments are slowly accumulating.

Appropriations, made by the Board of Trustees, at their June meeting, will enable the Professor to make many valuable collections during the coming year.

The Scientific Departments of the University are under obligations to the Officials of the railroads of the State, for free transportation of specimens for the Museum and Cabinets, and also for passes issued to the Professors, enabling them to make collections for the University in remote parts of the State.

CONTRIBUTIONS TO GENERAL CABINET.

1881-2.

REGION.	CONTRIBUTOR.	CONTRIBUTION.
Colorado	J. F. Eberle, Ft, Smith	Valuable Colorado Ores.
New Mexico	Wm. M. Littell	Valuable Silver Ores.
Missouri	Messrs Stephenson & Sinclair, of the Vulcan Steel Works	Collection of crude and manufactured products illustrating steel manufacture.
Fayetteville	J. H. Van Hoose	Part of old college bell.
Carroll Co	By Professor	Quartz specimens.
St. Louis	By Professor	Millerite, calcite, fluor spar.

CONTRIBUTIONS TO BIOLOGICAL DEPARTMENT.

REGION.	CONTRIBUTOR.	SPECIMEN.
	Miss Vic. Steere	Red Coral.
Franklin County	Dr. W. D. Stroup	Lepidodendrid.
	Various students and the Professor	Fossils and other objects of Natural History.
Atlantic Ocean	F. L. Harvey	Thirty species of sea animals.

Persons desiring information about Plants, Animals, Fossils or Minerals, which they have procured in the State, or elsewhere; or who may wish to contribute Specimens to the General Cabinet or Museum, are invited to send good specimens to Prof. F. L. Harvey, who has charge of the General Cabinet and Museum. Questions will be answered as far as possible, and valuable specimens placed in the collection, to the credit of the donor.

CONTRIBUTIONS TO COLLECTION OF STATE MINERALS.

1881-2

COUNTY.	CONTRIBUTOR.	MINERALS.
Benton	J. W. Campbell	"Horneblende."
	L. A. Figgins	Minerals.
Carroll	B. F. Snider	Minerals
	J. F. Miles	Cave earth.
	W. P. Sims	Iron ore.
	Mr. Hinnman	Zinc ore.
	Mr. O'Donnell	Minerals.
	Mr. Elliot	same
	R. J. Taylor	same
	Mr. Denham	same
Crawford	Mr. Lewis	Iron ore.
Hempstead	W. C. Wallis	Iron Pyrites in State.
Independence	R. R. Case	Very handsome collection of manganese and iron ores and other minerals.
Johnson	Judge M. Rose	Large collection of iron and other ores, ochre, clays and fossils
	J. D. Houston	Coal shale and fossils.
Lawrence	Hon. J. D. Butler	Zinc and lead ores.
	S. P. Holloway	Zinc, iron and lead ores.
Madison	J. R. Taylor	Iron ore.
Newton	Jas. T. Ward	same
Perry	J. Holmes	Sinter deposit containing sulphid and sulphate of iron.
Scott	E. N. McRay	Minerals and mine'l. water
Washington	Wm. Hern	Fossiliferous sandstone.
	Jas. Hines	
Yell	Jas. A. Talleson	Minerals.

☞Prof. Conrad who is making the collection of State Minerals for the University, will be glad to communicate with persons in the State having minerals, ores, building stones, clays, etc., which they may be willing to contribute. As far as his time and facilities afforded by the University will allow, he will answer questions in regard to specimens sent, and will publish the analyses when they may prove of interest.

APPOINTMENT OF BENEFICIARIES

All appointments should be completed, if possible, before the opening of the autumn term. The County Judges, who make the appointments, should prepare duplicate notifications of appointments, one of which will be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such a failure, who will make another appointment as soon thereafter as possible, and such other appointee will be required to appear at the University as soon thereafter as possible. The President of the Faculty shall continue to notify appointing officers till their respective number of appointees make their appearance at the University.

All beneficiary and normal students should be present at the opening of the Autumn Term; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments.

QUALIFICATIONS.

The attention of County Judges is called to the fact that *neither Normal nor Beneficiary Students will be admitted, unless they have the following qualifications:*

Students are not admitted until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Subtraction, Multiplication and Division, and also of Common and Decimal Fractions. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of Penmanship, and the spelling of ordinary words of the grade of the Fourth Reader. These qualifications are the test of admission at the beginning of the session; those applying later will be admitted only on the grade of the class.

The sole object of the Normal Department being the training of teachers for the Public Schools of the State, the attention of County Judges is respectfully called to the following considerations:

Only such persons should be appointed to this department as really intend to teach, and if possible, those who have had some experience in teaching.

All who enter this department, will be required to take the course in training prescribed, to fit them for teaching.

APPOINTMENT FORMS.

As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of the County Court to the President of the University, and the Secretary of the Board of Trustees, upon the appointment of Beneficiary and Normal Students by the County Court, or the Judge thereof, in accordance with the sixth section of an act approved March 6, 1875:

[*Form 1—Appointment.*]

No................ [To be given to the student.]

To whom it may concern:

I hereby appoint............ ....of................................ County, State of Arkansas, as a Beneficiary, (or Normal, as the case may be) to the Arkansas Industrial University.

Given under my hand, this...........day of.............188..

....

Send a notice like the following to the President of the University, and one to the Secretary of the Board of Trustees at Fayetteville.

[*Form 2—Notice to President of the University*]

....................................ARKANSAS,
....

To the...... .... *University:*

I hereby notify you that I have this day appointed........... ....
of........................County, State of Arkansas, a Beneficiary (or Normal as the case may be,) to the Arkansas Industrial University.

Given under my hand, this...........day ot..............188..
....

BENEFICIARY AND NORMAL APPOINTMENTS.

It is provided in Section 18 of the Act of the General Assembly, establishing the University, that the Board of Trustees, shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which pupils who are to be admitted free shall be elected equally from the various parts of the State." They have, therefore, made provision for 600 Beneficiaries, who will be entitled to four years free tuition, and 400 Normal students, who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1880, which apportionment is as follows:

COUNTIES.	Beneficiaries.	Normals.	Vacant Beneficiaries.	Vacant Normals.	COUNTIES.	Beneficiaries.	Normals.	Vacant Beneficiaries.	Vacant Normals.
Arkansas	6	4	6	4	Lee	10	6	8	6
Ashley	8	5	8	5	Lincoln	7	5	7	5
Baxter	4	3	4	3	Little River	4	2	3	2
Benton	15	10	11	10	Logan	11	8	10	8
Boone	9	6	7	6	Lonoke	9	6	9	6
Bradley	5	3	5	3	Madison	9	6	7	6
Calhoun	4	3	4	3	Marion	6	4	5	4
Carroll	10	6	10	5	Miller	7	5	7	5
Chicot	7	5	7	5	Mississippi	5	4	5	4
Clay	5	3	5	3	Monroe	7	5	6	5
Clark	12	8	11	8	Montgomery	4	3	4	3
Columbia	11	8	11	8	Nevada	10	7	9	7
Conway	10	6	9	6	Newton	4	2	4	2
Craighead	5	3	5	3	Ouachita	9	6	9	6
Crawford	11	8	10	8	Perry	2	1	2	1
Crittenden	7	4	7	4	Phillips	16	10	16	10
Cross	4	2	4	2	Pike	5	3	5	3
Dallas	5	4	5	4	Poinsett	2	1	2	1
Desha	7	4	6	4	Polk	4	3	4	3
Dorsey	6	4	6	4	Pope	11	8	9	8
Drew	9	6	8	6	Prairie	6	4	5	4
Faulkner	10	6	8	6	Pulaski	25	18	15	18
Franklin	11	8	8	4	Randolph	9	6	8	6
Fulton	5	3	5	3	Saline	7	5	7	5
Garland	7	4	6	4	Scott	7	4	6	2
Grant	5	3	5	3	Searcy	5	4	5	4
Greene	5	4	5	4	Sebastian	15	10	11	6
Hempstead	14	10	11	10	Sevier	5	3	5	3
Hot Spring	6	4	6	4	Sharp	7	5	5	5
Howard	7	5	7	5	Stone	4	4	3	4
Independence	13	8	13	8	St. Francis	6	4	6	4
Izard	8	6	8	6	Union	10	6	9	6
Jackson	9	6	9	5	Van Buren	7	4	7	4
Jefferson	17	12	15	12	Washington	18	12	3	9
Johnson	9	6	8	6	White	13	8	11	8
Lafayette	4	2	4	2	Woodruff	7	5	7	5
Lawrence	6	4	6	4	Yell	11	7	10	7

There is also one "Honorary Scholarship" to each county, to be selected for superior merit and proficiency from the public schools of each county, according to Section 2, of Act July 23, 1868.

By a resolution adopted by the Board of Trustees, at their June meeting, 1881, the Faculty are authorized to give *free tuition* to sixty students from different parts of the State, requiring only the matriculation fee of $5.00.

These appointments are distinct from the Beneficiary and Normal appointments made by County Judges, and give so many additional free scholarships to the University.

AN ACT

To Regulate the Sale of Ardent Spirits Near the Arkansas Industrial University.

Be it enacted by the General Assembly of the State of Arkansas:

Section 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

Sec. 2. *Be it further enacted,* That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the county clerk of Washington county, and shall have the same duly recorded, which affidavit shall be in the following form: I, ————, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

Sec. 3. *Be it further enacted,* That no one shall be excused from the penalty of this act who may, contrary to its provisions sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs or vended as a medicine, except as provided for in the foregoing sections.

Sec. 4. *Be it further enacted,* That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars; and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

BRANCH NORMAL COLLEGE

— AT—

PINE BLUFF.

The Branch of the Normal Department of the Arkansas Industrial University was established by the General Assembly for the purpose of securing an adequate supply of properly trained teachers for the colored public schools of the State. Its terms, course of study, sessions, etc., correspond with those of the Normal Department at Fayetteville, and each county judge is entitled to appoint as many colored beneficiaries to the Institution at Pine Bluff as his county is allowed, under the apportionment, to send white ones to Fayetteville; consequently the two classes of appointments do not interfere with each other. The expenses of a student at Pine Bluff, for board and washing, need not exceed $12 per month, and a number of those who have heretofore attended have managed to reduce their expenses very materially by labor.

For further information address the Principal,

Prof. J. C. CORBIN,
Pine Bluff, Ark.

FOURTH ANNUAL ANNOUNCEMENT

AND

CATALOGUE

OF THE

MEDICAL DEPARTMENT

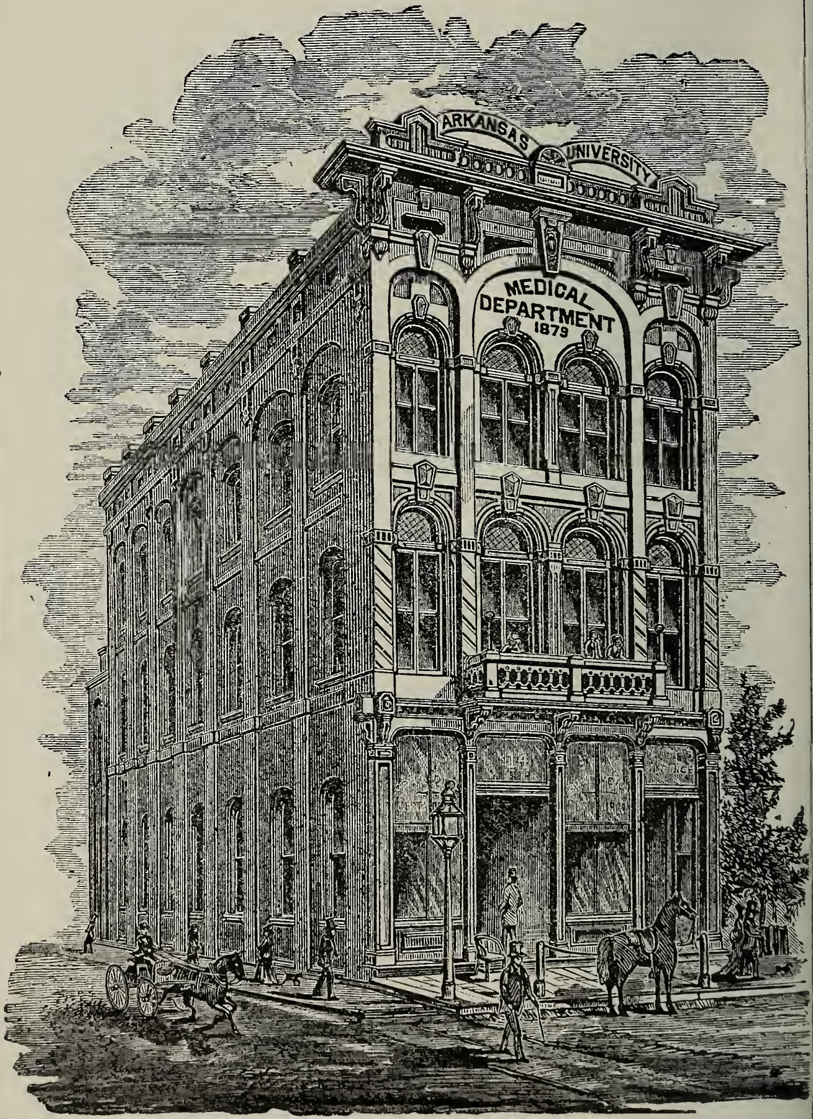
ARKANSAS INDUSTRIAL UNIVERSITY.

SESSON OF 1882--83.

LOCATED AT

LITTLE ROCK.

LITTLE ROCK:
MITCHELL & BETTIS, STATE PRINTERS.
1882.


ARKANSAS
UNIVERSITY
MEDICAL
DEPARTMENT
1879

FOURTH ANNUAL ANNOUNCEMENT

OF THE

MEDICAL DEPARTMENT

Arkansas Industrial University.

This Institution, in issuing its Fourth Annual Announcement, takes this occasion, through its Faculty, to express its appreciation of the support and generous confidence of the medical profession, as evidenced in the unanimous resolution of the State Medical Society of Arkansas, at its sessions, 1880-1-2. This confidence is not altogether confined to the medical profession; it has received and is constantly receiving, from officials and prominent citizens of the State, substantial and moral encouragement never anticipated at its organization.

The increased size of its class during its third course of lectures demonstrates this fact, and, while it affords gratification, it also gives assurance that the Medical Department has a healthful future, and that the efforts of its Faculty have met an honorable co-operation both in and out of the profession.

The Institution is in full membership and accord with the American Medical College Association, and, although the period of its requirement of a third course does not go into effect until 1882 and '83, yet the Faculty recommend students to avail themselves of the advantages offered in the extension to be adopted.

This Department of the University will afford the young men of the State and surrounding country facilities for the study of the science of medicine, and all its collateral branches, at home, without the great expense incident to long distances of travel, and additional outlay unavoidable to students attending a course of medical lectures abroad.

LOCATION.

Little Rock is situated near the center of the State. It has now direct railway communication with North, South, East, and West. Other roads are in process of construction, or projected, so that within a very limited period railroads will center in Little Rock from all sections of the State.

The city has, also, during one-half the year, splendid water communication. It has a population of nearly 25,000. It is built upon the south bank of the Arkansas river, upon a high, undulating bluff. Its drainage, therefore, is natural and perfect, and its healthfulness superior to any city west of the Mississippi river. In it epidemics of all kinds are unknown.

The Deaf Mute, Blind and Lunatic Asylums, State institutions (the latter under construction), are located here.

SESSION OF 1881 AND '82.

The Third Annual Course of Lectures commenced on Wednesday, October 5th, 1881, and continued until March 1st, 1882—five months. There were *thirty-six* regular matriculates in this Course, *five* of whom graduated.

COLLEGE BUILDING.

The Faculty owns its building, which is a large and commodious brick structure, with an iron and stone front.

This structure has one of the best arranged dissecting rooms in any institution of similar character; it is well ventilated, and provided with all the modern conveniences.

The building is very conveniently situated, between Main and Louisiana, on Second street, and is in all respects well adapted for clinical and didactic instruction.

HOSPITAL.

The Hospital, under the management of the Ladies' Benevolent Association of the City of Little Rock, will afford ample material for all kinds of clinical instruction in medicine and surgery. The sick, injured and afflicted, flock to this institution during the fall, winter and spring months, from every section of the country, and students will have an excellent opportunity to observe and study disease in all its various phases; as, also, to witness a large number of surgical operations.

The construction of a new City Hospital is in contemplation. This will increase the advantages of students.

ANATOMY.

The General Assembly of the State of Arkansas passed an act in the winter of 1873 legalizing dissection. This act is a generous one. No State in the Union possesses a more liberal provision for the prosecution of the study of Anatomy. Any amount of material can be procured *legally*, with but a nominal expense to the student. This item alone is of no small consideration to a zealous laborer in this Department.

MEDICAL HYGIENE AND BOTANY.

Medical Hygiene has lately assumed such a prominence, both among medical and scientific investigators of the etiology of disease, that a course of instruction has been inaugurated in the Medical Department of the Arkansas Industrial University on this important branch.

Medical Botany has also been added to our curriculum, with a view of giving students a practical knowledge of the medical properties of the indigenous flora of the country.

A knowledge of Hygiene and Botany is considered a very essential qualifications of the general practitioner, although not regarded with favor by a large majority of the medical colleges of this country, as *very* few of them give instruction in either of these useful branches.

CLINICS.

The past session has demonstrated the fact that there is an abundance of material in the city of Little Rock and surrounding country for all kinds of clinical instruction.

There will be a surgical clinic twice per week, which, in the number and variety of operations performed, will compare favorably with any of our larger institutions.

The Eye and Ear Clinic is particularly instructive, and will embrace a very extended variety of diseases in this special department.

There will also be a Gynæcological Clinic. Clinical Medicine will receive special attention, and cases of all kinds of diseases will be practically exhibited, and the treatment in each instance given.

DISPENSARY.

The Faculty have established a Dispensary, in connection with the College, where Clinics will be held daily, and advanced students will have the benefit of examining and prescribing, under the direction of the Professors. This will afford facilities for practical instruction seldom offered at many other institutions.

COURSE OF LECTURES.

The Fall Course of Lectures in the Medical Department of the University will commence on Wednesday, October 4th, 1882, and continue five months.

These Lectures will be so arranged as to time, as to afford students the greatest possible advantage. They will have an opportunity to prepare themselves upon the subject of each lecture.

PROSPECTS FOR THE COURSE OF 1882-83.

The Medical Department of the University takes an unusual degree of pleasure in making known to the *Medical Profession* of the Trans-Mississippi section of country the unparalleled success it has met with the past three years, and to assure its friends and supporters that the next course of Medical Lectures will greatly increase the number of present matriculates. Starting *de novo*, unaided, and upon an extremely limited notice to the public, it has received a liberal patronage, which the character of the instruction, and the opportunities offered, have proved advantageous to all concerned. The number of communications daily received, for special information ; the number of students that have access from time to time to the Medical College building, together with our unsurpassed geographical center, insure to this College an unusually large number of matriculates at its ensuing session. The Faculty, cognizant of this situation and not unmindful of the necessity of being fully prepared for the contingency of an extra large session, having already given instruction for the improvements in the internal arrangement of the building to meet the exigency of the occasion. We do not pretend to offer students any advantages beyond those of a practical nature, but assure them, in advance, that our terms will be in every essential particular strictly adhered to. We would, however, request the medical students of the South and West to come here and see for themselves before they go elsewhere.

FEES.

Professors' Tickets	$50 00
Matriculation Ticket (only paid once)	5 00
Demonstrator's Ticket	5 00
Hospital Ticket	3 00
Graduation Fee	25 00

Fees for Professors' Tickets and Matriculation must be paid on entering. For graduation, students are not required to present, for the present, either the Practical Chemical or Practical Physiological Ticket, but the Faculty trust that students' preceptors, realizing the importance of this work, will insist upon their pupils availing themselves of the advantages of these Departments.

BOARD, ETC.

Boarding can be procured in private families as cheap in Little Rock as in any other city in the country.

REQUISITES FOR GRADUATION.

The candidate must be twenty-one years of age, of good moral character, and must present to the President the requisite evidence of having studied medicine three years, inclusive of attendance upon lectures.

He must have attended two full courses of lectures in a recognized medical college, the last of which shall have been in this Institution.

He must present to the President, by the first of February, a thesis, in his own hand-writing, on a medical subject. The amount of the graduation fund must be deposited with the thesis; in case of failure to pass a satisfactory examination, the money will be refunded.

A report of any of the clinics will be accepted in lieu of the ordinary thesis.

He must pass a satisfactory examination on anatomy, physiology, chemistry, materia medica, practice and general pathology, obstetrics and diseases of women and children, diseases of eye and ear, and surgery.

GRADUATES.

NAME.	RESIDENCE.	THESIS.
ALLEN, SAMUEL W.	Little Rock, Ark	Pneumonia
BLACKBURN, THOMAS W.	Boonsboro, Ark.	Puerperal Septicemia
DIBRELL, EDWIN R.	Van Buren, Ark.	Inguinal Hernia
FRENCH, FRANK L.	Little Rock, Ark.	Circulation of the Blood
PINSON, WILLIE J.	El Dorado, Ark.	Intermittent Fever

MATRICULATES FOR 1881 AND 1882.

Allen, Samuel W.	Arkansas
Basham, John P.	Arkansas
Blackburn, Thomas W.	Arkansas
Chamness, Gilbert C.	Arkansas
Cochran, Benjamin C.	Arkansas
Cole, Ahas B.	Arkansas
Craven, William H.	Arkansas
Dibrell, Edwin R.	Arkansas
Driver, John H.	Kansas
Ennis, John S.	Arkansas
Fearn, Charles H.	Arkansas
French, Frank L.	Arkansas
Gore, Thomas B.	Illinois
Goss, George E.	Arkansas
Henson, William J.	Arkansas
Hooper, Perry	Arkansas
Jones, Cicero D.	Arkansas
Jones, Hugh C.	Arkansas
Lindsey, James H.	Arkansas
Lindsey, William S.	Arkansas
McConnell, John H.	Arkansas
Moore, M. D., Benjamin F.	Tennessee
Murry, William V.	Arkansas
Parchman, William L.	Arkansas
Patterson, William E	Tennessee
Pinson, Willie J	Arkansas
Powell, William E	Arkansas
Roffe, Benjamin P	Arkansas
Rutherford, Thomas T.	Arkansas
Shannon, David T.	Alabama
Simons, William U.	Missouri
Smith, Louis C.	Arkansas
Stell, Christopher C.	Arkansas
Thornton, Louis S.	Arkansas
Welch, Harry W.	Arkansas
Woolford, William S.	Arkansas

GENERAL RECAPITULATION.

College Class proper	87
Preparatory Department	276

TOTAL.

Academic Department	363
Medical Department	36
Branch Normal	145
Grand Aggregate	544

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CATALOGUE AND CIRCULAR

OF THE

BRANCH

NORMAL COLLEGE

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

LOCATED AT

PINE BLUFF, ARK.

FOR THE YEAR ENDING JUNE 18th, 1882.

AND

ANNOUNCEMENT FOR 1882-83.

J. C. CORBIN, A. M., Principal.

BOARD OF TRUSTEES.

HIS EXCELLENCY, T. J. CHURCHILL, Governor, Little Rock,
EX-OFFICIO PRESIDENT OF THE BOARD.

TREASURER:
WM. McILROY, Fayetteville, Ark.

REGENT AND SECRETARY OF THE BOARD:
J. L. CRAVENS, Fayetteville, Ark.

HON. LAFAYETTE GREGG	Fayetteville, Ark.
HON. A. W. DINSMORE	Bentonville, Ark.
HON. JAMES M. JOHNSON	Wesley, Ark.
J. W. JONES, M. D	Fayetteville, Ark.
HON. FRANKLIN DOSWELL	Jacksonport, Ark.
W. E. THOMPSON, ESQ	Monticello, Ark.
GEN. G. D. ROYSTON	Washington, Ark

EXECUTIVE COMMITTEE:
HON. A. W. DINSMORE, Chairman. HON. FRANKLIN DOSWELL.
HON. LAFAYETTE GREGG, Secretary. W. E. THOMPSON, ESQ.
GEN. G. D. ROYSTON.

COMMITTEE ON BRANCH NORMAL COLLEGE:
HIS EXCELLENCY, T. J. CHURCHILL, Governor, Chairman.
GEN. G. D. ROYSTON. W. E. THOMPSON, ESQ.

FINANCE COMMITTEE:
HON. A. W. DINSMORE, Chairman. J. W. JONES, M. D.
W. E. THOMPSON, ESQ.

COMMITTEE ON RULES AND BY-LAWS;
HON. JAMES M. JOHNSON, Chairman.
GEN. G. D. ROYSTON. HON. L. GREGG.

COMMITTEE ON PRINTING:
GEN. D. H. HILL, President of the University.
J. W. JONES, M. D. HON. L. GREGG.

BOARD OF TRUSTEES—MEDICAL DEPARTMENT:
P. O. HOOPER, M. D., Little Rock, Ark. E. R. DUVAL, M. D., Fort Smith, Ark.
WM. THOMPSON, M. D., Little Rock, Ark.

BOARD OF VISITORS.

In Attendance at Commencement, June, 1882.

HON. ALFRED H. CARRIGAN, Pres't	Washington, Hempstead County, Ark.
HON. WILLIAM LANGFORD Sec'y	El Dorado, Union County, Ark.
JAMES H. MOORE, ESQ	Arkansas Post, Arkansas County, Ark.
HENRY W. WELLS, ESQ	Monticello, Drew County, Ark.
COL. FRANK T. VAUGHAN	Little Rock, Ark.
DR. W. B. STROUP	Webb City, Franklin County, Ark.

APPOINTMENTS.

The following list shows the names and counties of the Appointees in attendance during the year 1881–82:

Name.	*County.*
C. W. George	Ashley.
Samuella Sanders	Ashley.
Victoria Thomas	Ashley.
Berry Bailey	Ashley.
Henry J. Johnson	Ashley.
Ellen Evans	Ashley.
Samuel D. Ransom	Ashley.
Mattie L. Fisher	Ashley.
Glasgow King	Ashley.
N. C. Carter	Ashley.
Henry Williams	Arkansas.
A. H. Williams	Arkansas.
Alex. L. Burnett	Bradley.
Samuel Burnett	Bradley.
John H. Woods	Bradley.
Columbus C. Smith	Bradley.
Jackson Rogers	Baxter.
Rufus A. Dougherty	Calhoun.
Jacob W. Ricks	Calhoun.
H. W. Cook	Calhoun.
Washington Bunn	Calhoun.
Louis Bunn	Calhoun.
W. B. Cullen	Chicot.
John P. Williams	Drew.
Alvin Vails	Drew.
Isabella Tyler	Drew.
Daniel Lawson	Dallas.
Louisa Lee	Dallas.
N. J. C. Johnson	Dorsey.
Catherine Barnett	Dorsey.
Abram Hines	Dorsey.
Aletha Wilkins	Dorsey.
Chas. B. Johnson	Dorsey.
Patience Broughton	Dorsey.
W. E. Sloan	Dorsey.
Lewis Maddox	Grant.
Wm. J. Pumphrey	Grant.
Samuel Cunningham	Grant.
Jasper Bankhead	Jefferson.
Ada Gaines	Jefferson.
Norah James	Jefferson.
James C. Smith	Jefferson.
John F. Lucas	Jefferson.
J. C. Calhoun	Jefferson.
Andrew Taylor	Jefferson.
Jennie L. Freeman	Jefferson.
Henrietta Young	Jefferson.
Drennan Logan	Hempstead.
Owen D. Hill	Hempstead.
James W. Woodard	Hempstead.
Robert Williamson	Hempstead.
R. B. Fagin	Hempstead.
Angeline Jenkins	Lincoln.
Major S. Sampson	Lee.
Isaiah Daniels	Little River.
Andrew J. Kountz	Little River.
Moses Allen	Lafayette.
Taylor Green	Lafayette.
Simon Thornton	Monroe.
Richard S. Sanders	Monroe.
Jasper Smith	Monroe.
Sarah J. Smith	Monroe.
Augustus Mason	Monroe.
Hezekiah Cade	Ouachita.
Duncan McDonald	Ouachita.
Eugene Patton	Ouachita.
John W. Corbin	Pulaski.
William Corbin	Pulaski.
Geo. W. Anderson	Pulaski.
Hal. Green	Union.
Mollie Ward	Woodruff.
Lydia Ward	Woodruff.
Turner Brown	White.

Total Beneficiaries....................73

CATALOGUE OF STUDENTS.

For year commencing September 5, 1881, and ending June 8, 1882.

FIRST GRADE.

Name.	*Town*	*Conuty,*
Allen, Moses	Lewisville	Lafayette.
Burnett, A. L	Warren	Bradley.
Cullens, W. B	Lake Village	Chicot.
Dougherty, R. L	Summerville	Calhoun.
George, C. W	Portland	Ashley.
Holly, E. H	Portland	Ashley.
Smith, Jas. C	Pine Bluff	Jefferson.
Sizemore, Alice	Pine Bluff	Jefferson.
Williams, Jno. P	Baxter	Drew.

SECOND GRADE.

Anderson, G. W	Little Rock	Pulaski.
Bankhead, Joshua	Linwood	Jefferson.
Bunn, Washington	Summerville	Calhoun.
Cook, H. W	Summervile	Calhoun.
Calhoun, J. C	Plum Bayou	Jefferson.
Daniels, Isaiah	Rocky Comfort	Little River.
Flagg, Alice	Pine Bluff	Jefferson.
Freeman, Jennie L	Pine Bluff	Jefferson.
Fisher, Mattie L	Portland	Ashley.
Gaines, Ada	Pine Bluff	Jefferson.
George, Henry C.	Portland	Ashley.
James, Norah	Pine Bluff	Jefferson.
Logan, Drennon	Camden	Ouachita.
Long, Wm	Linwood	Jefferson.
McDonald, Duncan	Camden	Ouachita.
Phillips, Thomas	Pine Bluff	Jefferson.
Pumphry, Wm. J.	Prattsville	Grant.
Patton, Eugene	Camden	Ouachita.
Ricks, J. W	Chambersville	Calhoun.
Sanders, Richard S	Holly Grove	Monroe.
Scott, C, W	Baxter	Drew.
Sampson, Major J	Marianna	Lee.
Taylor, Andrew	Cotton Center	Jefferson.
Thornton, Simon	Holly Grove	Monroe.
Williams, Serena B	Vaugine Township	Jefferson.
Williams, Robert L	Spring Township,	Jefferson.
Woodard, J. L	Washington	Hempstead.
Woods, John H	Warren	Bradley.

Williamson, Robt	Washington	Hempstead.
Young, Henrietta	Pine Bluff	Jefferson.
Ray, Major	Bogy Township	Jefferson.

THIRD GRADE.

Arrant, Fanny	Pine Bluff,	Jefferson.
Boyd, Mingo C	Linwood	Jefferson.
Bankhead, Jasper	Linwood	Jefferson.
Balch, Orleana	Pine Bluff	Jefferson.
Barnett, Catherine	Toledo	Dorsey
Brown, Turner	Searcy	White.
Cunningham, Saml	Cherry Grove	Grant.
Carter, Nathan C	Portland	Ashley.
Carter, Jas. C	Hamburg	Ashley.
Corbin, John W	Little Rock	Pulaski.
Corbin, William	Little Rock	Pulaski.
Daniels, Hattie	Pine Bluff	Jefferson.
Dickinson, Dona	Pine Bluff	Jefferson.
Fagin, R. B	Johnsville	Bradley.
Goodloe, Irene	Vaugine	Jefferson.
Green, Taylor	Lewisville	Lafeyette.
Hill, John	Pine Bluff	Jefferson.
Hill, Octavia	Corner Stone	Jefferson.
Hill, Owen D	Washington	Hempstead.
Huggins, H. H	Swan Lake	Arkansas.
Huggins, Frances	Swan Lake	Arkansas.
Hudson, Emma	Pine Bluff	Jefferson.
Hart, Melinda	Dermot	Chicot.
Hines, Abram	Toledo	Dorsey.
House, John H	Vaugine	Jefferson.
Kountz, Andrew J	Rocky Comfort	Little River.
King, Glasgow	Portland	Ashley.
Lawson, Daniel	Princeton	Dallas.
Morgan, Lucy	Corner Stone	Jefferson.
Maddox, Lewis	Cherry Grove	Grant.
Nunn, Allie.	Plum Bayou	Jefferson.
Patillo, Anna	Pine Bluff	Jefferson.
Reed, Benj	Pine Bluff	Jefferson.
Rogers, Jackson	Mountain Home	Baxter.
Ransom, Saml D	Portland	Ashley.
Sampson. Fanny	Pine Bluff	Jefferson.
Stapler, Lulu	Pine Bluff	Jefferson.
Smith, Mary	Corner Stone	Jefferson.
Smith, Columbus	Lanark	Bradley.
Shields, Isaac	Pine Bluff	Jefferson.
Sloan, W. E	Toledo	Dorsey.
Thompson, Robert	Corner Stone	Jefferson.
Tillman, Fanny	Pine Bluff	Jefferson.
Tyler, Isabella	Monticello	Drew.
Timms, Lucy	Pine Bluff	Jefferson.
Thomas, Victoria	Hamburg	Ashley.

Tate, George	Pastoria	Jefferson.
Vails, Alvin	Baxter	Drew.
Williams, Betty	Vaugine	Jefferson.
Williams, A. H	Willeamette	Arkansas.
Waterhouse, Wm	Pine Bluff	Jefferson.
Walker, Ida	Pine Bluff	Jefferson.
Ward, Mollie	Augusta	Woodruff.
Ward, Lydia	Augusta	Woodruff.
Wilkins, Alethia	Toledo	Dorsey.
Washington, Z. T	Washington	Hempstead.

FOURTH GRADE.

Arrant, Moses	Pine Bluff	Jefferson.
Arrant, Noah	Pine Bluff	Jefferson.
Blackwell, Llewellyn	Pine Bluff	Jefferson.
Burnett, Samuel	Warren	Bradley.
Bunn, Lewis	Chambersville	Calhoun.
Balch, Columbus	Pine Bluff	Jefferson.
Bailey, Berry	Hamburg	Ashley.
Barret, Ella	Vaugine.	Jefferson.
Broughton, Patience	Toledo	Dorsey.
Cobb, Sally	Pine Bluff	Jefferson.
Carpenter, Amanda	Pine Bluff	Jefferson.
Cade, Hezekiah	Camden	Ouachita.
Corbin, Faustina	Little Rock	Pulaski.
Childress, Willie	Pine Bluff	Jefferson.
Dean, Amelia	Pine Bluff	Jefferson.
Evans, Mary	Pine Bluff	Jefferson.
Evans, Ellen	Hamburg	Ashley.
Fultz, John	Pine Bluff	Jefferson.
Fultz, Vashti	Pine Bluff	Jefferson.
Fanchon, Joanna	Pine Bluff	Jefferson.
Fish, Mary	Pine Bluff	Jefferson.
Goodloe, Nellie	Pine Bluff	Jefferson.
Gurley, Algernon	Pine Bluff	Jefferson.
Gurley, Jenner	Pine Bluff	Jefferson.
Hunter, John	Pine Bluff	Jefferson.
Hunster, Mattie	Little Rock	Pulaski.
Johnson, Harriet	Pine Bluff	Jefferson.
Johnson, Susan	Pine Bluff	Jefferson.
Johnson, Wade	Pine Bluff	Jefferson.
Johnson, Phebe	Pine Bluff	Jefferson.
Jenkins, Angeline	Star City	Lincoln.
Lumpkins, Lula	Pine Bluff	Jefferson.
Lee, Louisa	Princeton	Dallas.
Marks, Katy	Pine Bluff	Jefferson.
Marks, Paulina	Pine Bluff	Jefferson.
Mason, Augustus	Holly Grove	Monroe.
Patello, Claiborne	Pine Bluff	Jefferson.
Patello, Luella	Pine Bluff	Jefferson.
Parks, Mary	Pine Bluff	Jefferson.

Redwood. Jacob	Pine Bluff	Jefferson.
Sloan, W. E	Toledo	Dorsey.
Shaw, William	Pine Bluff	Jefferson.
Spain, Fanny	Cotton Centre	Jefferson.
Smith, Ida	Corner Stone	Jefferson.
Smith, Jasper	Holly Grove	Monroe.
Smith, Sarah J	Holly Grove	Monroe.
Singleton, John	Pine Bluff	Jefferson.
Walker, Monroe	Pine Bluff	Jefferson.
Jones, Freeman	Cotton Centre	Jefferson.

RECAPITULATION.

First Grade	9
Second Grade	31
Third Grade	56
Fourth Grade	49
Total	145

COURSE OF STUDY.

PREPARATORY DEPARTMENT.

FIRST YEAR.

FIRST TERM.

Reading—Appleton's Fourth Reader; Geography—Monteith's; English Grammar and Graded Lessons in English—Reed & Kellogg; Arithmetic—Robinson's Shorter Course; Penmanship—Spencerian; Drawing—Forbriger.

SECOND TERM.

Reading—Appleton's Fourth Reader; Geography—Monteith's; English Grammar, Reed & Kellogg; Arithmetic—Robinson's Shorter Course; Penmanship—Spencerian; Drawing—Forbriger.

THIRD TERM.

Reading—Appleton's Fourth Reader; Geography—Monteith's; English Grammar, Reed & Kellogg; Drawing—Forbriger.

SECOND YEAR.

FIRST TERM.

Reading—Appleton's Fourth Reader; Geography—Monteith's; English Grammar, Reed & Kellogg; Arithmetic—Robinson's Shorter Course; Penmanship—Spencerian; Drawing—Forbriger.

SECOND TERM.

Reading—Appleton's Fifth Reader; Geography—Monteith's; English Grammar, Reed & Kellogg; Arithmetic—Robinson's; Penmanship—Spencerian; Drawing—Forbriger.

THIRD TERM.

Reading—Appleton's Fifth Reader; Geography—Monteith's; English Grammar, Reed & Kellogg; Arithmetic—Robinson's; Penmanship—Spencerian; Drawing—Forbriger.

THIRD YEAR.

FIRST TERM.

Analysis—Swinton's; Arithmetic—Robinson's; United States History—Anderson's; English Grammar—Reed & Kellogg; Penmanship—Spencerian.

SECOND TERM.

Analysis—Swinton's; United States History—Anderson's; English Grammar, Reed & Kellogg; Algebra—Peck's Manual; Physiology—Brown's.

THIRD TERM.

English Grammar—Reed & Kellogg; Algebra—Peck's Manual; Physiology—Hutchinson's; Analysis—Swinton's; Penmanship—Spencerian.

NORMAL COURSE.

Students completing this course are entitled to the Normal Diploma. Those who complete less than the entire course are entitled to a certificate showing work done.

FIRST YEAR.

FIRST TERM.

Reading and Orthography; Arithmetic; United States History; Geography; English Grammar; Penmanship; Latin; Principles of Teaching.

SECOND TERM.

Reading and Orthography; Algebra; United States History; Arithmetic; Latin; English Grammar; Principles of Teaching.

THIRD TERM.

Reading and Orthography; Algebra; United States History; Arithmetic; Latin; English Grammar; Principles of Teaching.

SECOND YEAR.

FIRST TERM.

Algebra; English Diction; Elocution; Physical Geography; Latin; Methods of Teaching.

SECOND TERM.

Geometry; English Diction; Elocution; Latin; Physics; Methods of Teaching.

THIRD TERM.

Geometry; English Diction; Elocution; Latin; Physics; Botany; Methods of Teaching.

THIRD YEAR.

FIRST TERM.

Plane and Spherical Trigonometry; Rhetoric; Latin; Chemical Physics; Methods of Teaching.

SECOND TERM.

General Chemistry; Zoology; Methods of Teaching; Latin.

THIRD TERM.

Electives; Latin; Methods of Teaching.

FOURTH YEAR.

FIRST TERM.

General History; Physiology; Theory of Graded Schools.

SECOND TERM.

General History; Geology; English Literature, (Early Modern English Period); Principles of Classification.

THIRD TERM.

General History; School Law; Astronomy; History of Education; Masterpieces in English Literature.

TEXT BOOKS.

The following text books are used:

LANGUAGES.

Appleton's Readers; Gow's Manners and Morals; Swinton's Analysis; Graded Lessons in English; Higher Lessons in English; Kellogg's Rhetoric; Harkness' Latin Series; School Law of Arkansas.

MATHEMATICS.

Complete Arithmetic, (Robinson's Shorter Course); Thompson's Algebra; Wentworth's Geometry; Olney's Trigonometry; General Geometry and Calculus.

SCIENCE.

Monteith's Comprehensive Geography; Houston's Physical Geography: Hutchinson's Physiology: Youman's Botany; Avery's Chemistry and Natural Philosophy; Gregory's Logic.

HISTORY.

Anderson's Junior Class History of the United States.

Spencerian and Eclectic Penmanship.
Forbriger's Drawing Tablets.
Loomis' Music Course.

NORMAL DEPARTMENT.

The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English Branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends:

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

TERMS AND VACATION.

The Scholastic year of this Institution consists of two terms of thirteen weeks each, and one term of fourteen weeks.

There is no vacation between terms. These terms commence and end as indicated by the following:

CALENDAR FOR THE SCHOLASTIC YEAR 1882-83.

The Autumn Term will commence on the 4th of September, 1882, and close December 1st, 1882.

The Winter Term will commence December 4th, 1882, and close March 2d, 1883.

The Spring Term will commence March 5th, 1883, and close June 7th, 1883.

All beneficiary and normal students should be present at the opening of the Autumn Term; and unnecessary delay, either of old students returning, or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations and all other duties, are made the conditions of every student's continuance at the Institution.

APPOINTMENT OF BENEFICIARIES.

By the law of the State, the appointments of students to the Branch College, in numbers from each county of the State, is the same as to the parent University at Fayetteville. This power is vested in the County Courts; but any vacancies occurring during the terms of the school, shall be filled by the Judge of the County Court.

All students thus appointed are entitled to four years' free tuition, upon the payment of five dollars matriculation fee *in advance at the time of entering the school.*

The pupils who can be admitted to the Branch Normal College free of tuition. are apportioned among the several counties of the State according to their respective populations by the United States census of 1880, which apportionment is as follows:

TABLE OF APPORTIONMENT.

COUNTIES.	No. of Beneficiaries entitled to.	COUNTIES.	No. of Beneficiaries entitled to.
Arkansas	4	Lee	6
Ashley	5	Lincoln	5
Baxter	3	Little River	2
Benton	10	Logan	8
Boone	6	Lonoke	6
Bradley	3	Madison	6
Calhoun	3	Marion	4
Carroll	6	Miller	5
Chicot	5	Mississippi	4
Clark	3	Monroe	5
Clay	8	Montgomery	3
Columbia	8	Nevada	7
Conway	6	Newton	2
Craighead	3	Ouachita	6
Crawford	8	Perry	1
Crittenden	4	Phillips	10
Cross	2	Pike	3
Dallas	4	Poinsett	1
Desha	4	Polk	3
Dorsey	4	Pope	8
Drew	6	Prairie	4
Faulkner	6	Pulaski	18
Frakklin	8	Randolph	6
Fulton	3	Saline	5
Garland	4	Scott	4
Grant	3	Searcy	4
Greene	4	Sebastian	10
Hempstead	10	Sevier	3
Hot Spring	4	Sharp	5
Howard	5	St. Francis	4
Independence	8	Stone	4
Izard	6	Union	6
Jackson	6	VanBuren	4
Jefferson	12	Washington	12
Johnson	6	White	8
Lafayette	2	Woodruff	5
Lawrence	4	Yell	7

The following forms may be used in making appointments :

No..................

To whom it may concern :

I hereby appoint..................................of..................................
County, State of Arkansas, as a Normal student at the Branch Normal College at Pine Bluff.

Given under my hand, this................day of......................188...

....County Judge.

..............................County, Arkansas.

The above certificate of appointment is to be delivered to the appointee by the County Judge.

The following notice should be forwarded immediately to the Principal of the Branch College.

No.................

... .ARKANSAS,
.......................188..

To the Principal of the Branch Normal College of the Arkansas Industrial University:

I hereby notify you that I have this day appointed................................
of............. ....County, as a student in the Branch Normal College of the Arkansas Industrial University, at Pine Bluff.

Given under my hand, this.................day of.........................188..

........................County Judge.

EXPENSES.

The expenses of a student at the Branch Normal College need not exceed the amount herein stated.

Board in private families, including fuel, light and washing, can be had from ten to twelve dollars per month. A Normal student pays five dollars entrance fee, which entitles him to free tuition for four years.

Books may be purchased at Pine Bluff at the publisher's usual retail prices. Quite a number of students have paid a part of their board by labor in private families.

CONCLUDING REMARKS.

The Branch Normal College is a department of the Arkansas Industrial University, established pursuant to an act of the General Assembly of the State of Arkansas, approved April 25th, 1873; and has been in operation since September 27th, 1875. Its primary object is the training of teachers for efficient service in the colored public schools of the State; the law referred to having been enacted with special reference to the "convenience and well-being of the poorer classes." For the purpose of carrying out the intent of the law, by enabling those who may wish to avail themselves of its advantages, there is no charge for tuition; the only requirements for admission being suitable age and qualifications, an appointment from one of the County Judges, and the payment of the entrance fee.

LOCATION, ETC.

The school property consists of a beautiful tract of twenty acres of ground, about one half mile west of Pine Bluff, Jefferson county, Arkansas, and a few rods from the junction of the Little Rock, Mississippi River and Texas and "Paramore" railroads. The school building, completed during the present year, and occupied January 30, 1882, is one of the handsomest educational edifices in the State, as well as one of the best; being warm and comfortable, well lighted and finely ventilated. It contains one large assembly room, four recitation rooms, and cloak rooms for males and females. The building is of brick, with slate roof and trimmings of Alabama granite, and cost, with improvements and furniture, about $12,000. The furniture is the "normal," from the well known house of A. H. Andrews & Co., Chicago, and is of the best modern style.

The course of study, as will be seen by reference to page 11, is somewhat more full than is usual in normal schools. The institution has a small library of its own, and students have also access to the library of the Principal, which contains many valuable works. There is also a collection of physical and mathematical apparatus, and of geological and mineralogical specimens, all of which are as yet small, but will be increased from time to time. A number of the best periodicals and newspapers are filed in the reading-room, among which are the *Teacher*, Philadelphia; *Journal of Education*, St. Louis; *Journal of Education*, Little Rock; *Tribune*, New York; *Commercial*, Pine Bluff; *National Baptist*, Philadelphia; *Sunday School Times*, Philadelphia;

School Visitor, Ohio; *Epoch*, Helena, Ark.; *Mansion*, Little Rock, Ark., etc.

Instruction in vocal and instrumental music, calisthenics, and drawing, is given weekly. There are two literary societies among the students, the Normal Debating Association and the Junior Society; which have weekly exercises in declamation, composition, debates, etc. The length of the vacation allows the advanced students an opportunity to engage in teaching, and a large proportion of their number has done so during the last five years. In nearly all cases they have given good satisfaction, and conducted their schools with a fair degree of success. The normal students have also assisted in the work of the Institution itself, as a part of their training.

During the past year the following students have had the charge of classes, as specified below, viz:

Mr. JAS. C. SMITH	Arithmetic and Algebra.
Mr. A. L. BURNETT	English Grammar.
Mr. C. W. GEORGE	English Grammar.
Miss MATTIE L. FISHER	English Grammar.
Miss HENRIETTA YOUNG	Arithmetic.

It will be a great advantage to the Institution if the various County Judges will take a special interest in seeing that their counties are represented. The proper blanks for making appointments will be furnished, together with all necessary information, on application to the Principal.

J. C. Corbin, A. M.,
Pine Bluff, Ark.

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PROCEEDINGS

OF THE

BOARD OF TRUSTEES,

JUNE, 1882.

ANNUAL MEETING

OF THE

BOARD OF TRUSTEES

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

HELD AT THE

Secretary's Office, Fayetteville, Ark., June 5, 1882.

At 12 o'clock M., June 5, 1882, the Board of Trustees convened at the office of the Secretary, in the University building, pursuant to law.

Present—Gen. G. D. Royston, A. W. Dinsmore, W. E. Thompson, Jas. M. Johnson, F. Doswell, L. Gregg and J. W. Jones.

On motion of Trustee Thompson, Gen. G. D. Royston was elected President of the Board *pro tem.*, in the absence of Hon. T. J. Churchill, Governor and *ex-officio* President of the Board.

Trustee Dinsmore submitted the following resolution:

Resolved, That the Secretary of the Board of Trustees be requested to notify our honorable Board of Visitors that our board is now organized, and it will give us pleasure to receive any communications or suggestions from them, and to have them meet with us in our deliberations at such times as may be agreeable to them; which was on motion adopted.

Hon. A. W. Dinsmore, Chairman Executive Committee, presented the following report:

The Executive Committee would beg leave to submit the following report of their labors during the year now about to close. At our meeting of July 21, 1881, we appointed Jesse L. Cravens, Regent of the University during the pleasure of the board, to be paid by the State at the rate of $1000 per annum, pursuant to law; requiring bond in the sum of $10,000 which was approved by the Governor.

The contract for the completion of the third story of the University building was let to Messrs. Hale & Blackmer, for the sum of $2810, which contract was executed and completed to the entire satisfaction of your committee. Your committee found it absolutely necessary to have the roof of the University painted after the extensive repairs made necessary by the recent storms, at an expense of $132.43.

We would report that we have made some effort to procure an instructor for the Military department, which failed of success.

Having learned that there were some discrepancies in the accounts of the University with the State, the Regent was requested to procure a statement of our accounts with the State Treasurer, which is on file and will be presented by the Regent for your consideration.

We beg leave to report that Mrs. E. J. Crockett, elected as assistant in the Preparatory department, by you at your last convention, declined to accept, and your committee appointed Miss E. H. Carnall to fill the vacancy, subject to your approval. Salary $600.

Your committee authorized Col. O. C. Gray, commandant of the Military department to expend a sum not exceeding $100, for music and musical instruments.

A letter of acceptance of the chair of Applied Mathematics was received from Prof. J. D. Tradwell, which subsequently was withdrawn and we have to report the chair vacant. We would beg leave to urge an early appointment of some competent gentleman to this chair, as the minds of our young men are turned in this direction by the great demand for practical engineers in the field, at remunerative salaries, and our institution has suffered greatly the lack of a Professor.

Your committee beg leave to report that they have made persistent efforts to secure proficient teachers for the Musical Department, having appointed two that finally declined and one that accepted, but proved a failure because of intemperate habits. The institution has suffered greatly by our failure to secure a good teacher. We would recommend prompt action upon this question as essential to the best interests of the institution.

We beg leave to report that we ordered an armory fitted up in the north wing of the third story, and ask your present inspection of the same.

We have to report that the work of our Faculty has been greatly impeded by the breaking out of small-pox in Fayetteville, causing a stampede of students, reducing the number more than one hundred—principally from the Preparatory Department.

As to the efficiency of the educational work proper, we beg leave to refer you to the reports of the Faculty.

Hon. S. P. Pittman, one of the members of our committee, having resigned, we were left without a resident working quorum, since which time our committee have not met, leaving much work to be done by our Regent, subject to the approval of the board. All of which is respectfully submitted.

A. W. DINSMORE, *Chairman of Committee.*

On motion the report of the committee was adopted.

Trustee Thompson presented the report of Prof. J. C. Corbin, Principal of the Branch Normal Department at Pine Bluff—placed on file; also report of finance committee for Branch Normal Department, which was referred to the finance committee of the Board of Trustees.

On motion of Trustee Jones, Hon. Franklin Doswell was assigned same committee position formerly held by his predecessor, S. P. Pittman.

Trustee Dinsmore presented the following report which was adopted;

We, your committee on Finance, beg leave to report that we have audited the accounts current of our Hon. Treasurer and take pleasure in saying that we find everything accurate and satisfactory, and would recommend the approval of this report by the board.

A. W. DINSMORE,
J. W. JONES,
W. E. THOMPSON.

The report of the Medical Department of the University, at Little Rock, was presented, read, and on motion, placed on file.

The report of Prof. Corbin, Principal of the branch Normal College, presented by Trustee Thompson, was read, and on motion referred to a special committee, consisting of Trustees Doswell, Gregg and Jones.

The following presented by Trustee Dinsmore was approved by the Board and adopted:

WHEREAS, We are informed that a railroad corporation is about to locate and construct a railroad through the grounds of the Branch Normal Institute, located at Pine Bluff, therefore be it

Resolved, That our committee for said Branch College, be authorized and instructed to employ council if necessary, and collect damages for the same.

On motion of Trustee Thompson the following resolution was adopted:

Resolved, That the committee on printing be authorized to have printed five hundred copies of the proceedings of the Board of Trustees, containing so much of the proceedings of the board as the committee may deem advisable; also three thousand copies of the catalogue for the year 1881-2, with such general information as is necessary for a proper understanding of the workings of the Institution; also that the committee have fifty numbers of the proceedings of the Board of Trustees, from the organization of the University to the present time, bound in two volumes, and that six sets of said volumes be placed in the library and remain there for the general inspection of all who may desire information in regard to the history of the University.

JUNE 7, 1882.

Present, Gov. T. J. Churchill; Trustees.—Gen. G. D. Royston, W. E. Thompson, J. M. Johnson, F. Doswell, J. W. Jones, L. Gregg, A. W. Dinsmore and D. H. Hill.

Journal of June 6th, was read, approved and signed by Gen. G. D. Royston, President, *pro tem.;* whereupon, Gov. T. J. Churchill, *ex-officio* President Board of Trustees, took his seat as presiding officer.

Gen. D. H. Hill, President of the University, being present, read his annual report.

On motion of Trustee Jones, the report was referred to a committee consisting of Trustees Jones, Royston, and Doswell.

On motion of Gen. Hill, Judge Doswell was appointed to deliver the medals awarded to successful competitors.

On motion the following report was adopted:

The committee of Finance would beg leave to report that we have examined the books of our honorable Secretary, and verified his accounts by vouchers, on file, so far as it has been possible for him to balance his accounts, (there being some incomplete accounts with the members of the Faculty), and find them accurate and satisfactory, with the single exception of the classification of accounts; having charged to the Janitor's account the amount of $220, which properly belonged to the miscellaneous and other accounts. It gives us great pleasure to commend the fidelity and workmanlike manner in which he has performed his every duty.

Respectfully submitted by

A. W. Dinsmore,
W. E. Thompson, } *Committee.*
J. W. Jones,

Trustee Thompson presented the following resolution, which was adopted:

Resolved, That the Board of Trustees confer the degree "L. L. D.," upon Gen. D. H. Hill, not only as a recognition of his long and zealous work in the cause of education; but also as evidence of our appreciation of his faithful and earnest efforts to promote the best interests of the Arkansas Industrial University.

Also, the following resolution was adopted by the Board:

Resolved, That the Board of Trustees confer the degree "A. M.," on H B. Edmiston, Professor of Modern Languages, in the Arkansas Industrial University.

The following preamble and resolutions, introduced by Trustee Doswell, were on motion adopted by the Board:

WHEREAS, It is the common usage of colleges and universities, in consequence of the superior qualifications of the Faculty, to intrust to them the management and control of the internal affairs of the University; therefore,

Be it resolved, That the Faculty of the Arkansas Industrial University, be, and they are hereby intrusted with full power and authority to manage and control the University, in all matters educational and disciplinary, without interference from any other source, subject only to appeal to and review by the Board of Trustees, at a full meeting of the Board.

2nd. *Resolved*, That the Faculty are requested, under these resolutions, to take control and management of the Steward's Hall, and admit as many and such students therein as they deem proper, and regulate their conduct and the conduct and management of the Steward in charge of the Hall.

3rd. *Resolved*, That all resolutions of this Board, in conflict herewith, be, and are hereby repealed.

At this hour, 10 a. m., June 9, the Board of Visitors to the State University, appointed by the Governor, was, in a body, introduced to and received by the Board of Trustees. Whereupon, the Board of Visitors, through its chairman, the Hon. A. H. Carrigan, submitted its report.

On motion of Gen. Hill, Miss Nettie G. Bedinger, was elected teacher of Drawing and Painting.

Trustee Dinsmore submitted the following resolution, which was unanimously adopted by the Board:

Resolved, That the Faculty hereafter excuse from attendance on the Sabbath Bible Class, all such students as present the written application of parents or guardians.

The appointment of Miss E. H. Carnall, by the Executive Committee, as assistant in the Preparatory Department, was confirmed.

The following resolution was submitted and adopted:

Resolved, That the President of the Board appoint a committee to draft the bi-ennial report to the Governor, giving estimate of such appropriations and recommending such legislation, as the Board may deem essential to the best interests of the University.

Whereupon, the President appointed Hon. F. Doswell, and Hon. L. Gregg, as such committee.

On motion of Gen. Hill, Prof. A. V. Lane, of Nashville, Tenn., was elected to the chair of Civil Engineering and Applied Mathematics, and such cognate studies as he may be qualified to teach, and as may be assigned to him by the Faculty.

The following resolution, submitted by Trustee Dinsmore, was adopted:

Resolved, That the Board approve the appointment of J. L. Cravens, by the Executive Committee, as Regent and Secretary of the Board.

Upon the announcement of the President of the Board, that the election of a Music Teacher was in order, Gen. D. H. Hill nominated Miss Lizzie G. Townes, who, upon call of the roll of members of the Board, was, by the President, declared duly elected.

Trustee Doswell submitted the following report from committee on President's Report:

To the Board of Trustees of the Arkansas Industrial University:

Your committee, to whom was referred the report of the President of the Faculty, have duly considered the same and respectfully submit the following:

1st. We recommend that a Classical Dictionary, a Latin and a Greek Lexicon, and two books of reference, to be selected by Prof. Leverett, be purchased for the use of the University, to be kept in the Library.

We further recommend the appropriation of fifty dollars for the use of the Military Department, to be expended at the discretion of the Professor of that department.

We recommend that the following articles be purchased for the use of the Biological and Geological Department, to be selected by the Professor: Hitchcock's Geological Map of the United States, $50; rock's typical fossils, representing Dana's Sections $50; one cask, (46 gals.) alcohol, and jars, for the preservation of zoological specimens, and for the use of the Department of Chemistry, $75. A human skeleton with models of the eye, ear and larynx, $75. A Microscope and Apparatus, $50.

Incidentals, freight, postage, etc., etc., $50.

For the Department of Modern Languages we recommend that a sufficient amount be appropriated to procure a French dictionary, a German dictionary, and three other books of reference, to be selected by the Professor of that department, the whole not to exceed the sum of fifty dollars, ($50) to be kept in the library.

For the Primary Department under charge of Mrs. Sutton, we recommend the purchase of one copy of Webster's Unabridged Dictionary, and in addition to the above, twenty-five dollars to be appropriated for the purchase of maps for the department.

For the Department of History we recommend an appropriation of the sum of $350 for the purchase of books of reference and other appliances, to be selected by the Professor of that department, to be kept in the library.

For the Chemical and Physical Department we recommend an appropriation of the sum of $350 to be expended by the Professor as he in his discretion may think best for the interest of his department.

Gen. Hill submitted the following, which was adopted:

Resolved, That Hon. Franklin Doswell be requested to visit the legislature during the coming session, and that he be allowed Trustee's pay, $2.50 per day, and that his expenses also be paid.

Trustee Dinsmore, from the Finance Committee submitted the following report of estimates for appropriations for ordinary current expenses for the scholastic year of 1882-3, viz:

Educational	$18,500 00
Fuel	400 00
Farm and ground	1,000 00

Janitors	600 00
Library	500 00
Printing and Stationery	275 00
Postage	100 00
Furniture	200 00
Miscellaneous	500 00
Trustees and Officers	1,000 00
Total	$23,075 00

The following resolutions were submitted and adopted:

Resolved, That the Branch Normal Committee be and are hereby authorized to have erected on the grounds near the Branch Normal College, two cottage houses, at a cost not to exceed $800 each. One to be used by the Principal of said college as a residence, the other to be used as a boarding house for the benefit of students of the Branch Normal College; said buildings to be rented by the committee to the Principal, and some competent and reliable person, on the recommendation of said Principal, at reasonable rates.

2nd. Said boarding house shall be under the control and management of said Principal of said college, who for good and sufficient cause, with the approval of the committee, may remove any one in charge of said boarding house and select some one more desirable.

3rd. That said committee is hereby authorized to make such other improvements on the premises as are necessary and the funds of said college will justify.

The following resolution, submitted by Trustee Thompson was adopted:

Resolved, That the regulations heretofore passed by this board, prescribing a certain uniform dress for the young ladies of the Institution are hereby repealed.

On motion of Gen. Hill the Regent was instructed to acknowledge the receipt of the annual report of the Medical department of the University at Little Rock.

The following resolution was adopted:

Resolved, That Judge Doswell be requested to correspond with Hon. J. M. L. Curry, agent for the Peabody fund, setting forth the great educational work being done by the

University and requesting aid for the Normal Department for the use of deserving students of indigent means.

Trustee Jones, for the committee on President's report, to whom was referred the following resolutions, returned the same and recommended their adoption:

Resolved, That the President be regarded as the head of the A. B. Department, and that the other departments be distributed among the Professors by themselves in Faculty meeting, and that each Professor be considered as the head of the department in which he has an excess of work, and that when there is no such excess, the department shall be assigned to the President.

2nd. That students choose such studies as they please, but shall not get a diploma in any department without the approval of the head of that department, and it shall be proper for all the Faculty to sign their diplomas.

3rd. A student may drop a study or studies in any department, provided he take a study or studies to which an equal amount of time be given, and provided he carry four studies.

4th. That on the recommendation of five Professors, with whom he has completed the specified work, or its equivalent in the same course, a student shall be entitled to the degree of Bachelor of Philosophy, and to the signature of the President and Secretary of the Faculty.

5th. That these resolutions be not retrospective so as to apply to students who are now graduates, but shall supercede for the future all past legislation on the subject of degrees.

The report of the committee was adopted, when on motion to adopt the resolutions the yeas and nays were demanded.

The following voted in the affirmative:

F. Doswell, J. W. Jones, A. W. Dinsmore, D. H. Hill and G. D. Royston, President *pro tem.*—5.

Those voting in the negative were:

J. M. Johnson, W. E. Thompson and L. Gregg—3.

Whereupon the President declared the resolutions adopted.

The following was adopted:

Resolved, That History of Civilization be transferred to the chair of History and English Literature, and that the Elements of Criticism, Civil Polity and the History of Philosophy be dropped from the curriculum.

On motion the committee on Branch Normal was authorized to procure a wood cut of the Branch Normal College building.

On motion of Trustee Jones the number of Beneficiary appointments for the State was increased from 350 to 600; and the Normals from 237 to 400, on amendment of Gen. Hill accepted by Trustee Jones.

The following resolution was adopted, submitted by Trustee Doswell:

Resolved, That the Regent, by and with the approval of the President, shall hereafter contract for all work and supplies ordered by the Board, or that may incidentally arise, subject to the approval of the Executive Committee, which will hereafter meet only at the close of school terms; except in cases of resignation, death of any member of the Faculty, or special emergency deemed essential by the President, in which case, the committee will be called together by the order of the chairman, as heretofore.

The following submitted by Trustee Dinsmore was adopted:

Resolved, That in case the Executive Committee at any time should fail to have a quorum, the President of the University is hereby authorized to act with the committee and complete the quorum.

On motion, Gen. D. H. Hill was authorized and requested to sign the journal of this day's proceedings.

At 11 o'clock A. M., June 14th, 1882, on motion of Trustee Thompson, the Board of Trustees adjourned *sine die*.

D. H. HILL.

J. L. CRAVENS, Secretary.

REPORT OF THE

Trustees of the Medical Department.

Little Rock, March 30, 1882.

Gen. D. H. Hill,
President Arkansas Industrial University, Fayetteville, Arkansas:

Sir—The Trustees of the Medical Department of the Arkansas Industrial University herewith transmit their Annual Report:

The Third Annual Session began the first week in October, 1881, and continued twenty weeks. There were *thirty-six* matriculates.

The regular Annual Commencement was held on Wednesday, March 1st., 1882; at which time the Degree of Doctor of Medicine was conferred by the Governor, T. J. Churchill, *ex-officio* President of the Board, upon *five* candidates for graduation. These young gentlemen were subjected to rigid examination, both oral and written, in presence of the Board of Visitors, appointed by the State Medical Society of Arkansas, at its last annual meeting, a copy of whose report will be forwarded to you in due course of time, and which we desire to constitute a part of this report.

The Honorary Degree was conferred upon Wm. B. Welch, M. D., of Boonsboro, Washington county, Ark.

Previous to the beginning of the lecture course, Prof. C. Watkins, who had so ably filled the chair of Chemistry, since the organization of this Department, found his business engagements so pressing, that he was, much against the wishes and desires of the members of the Faculty, forced to tender his resignation. Thereupon, the Faculty elected J. B. Bond, M. D., to fill the chair of Professor of Chemistry, made vacant by the resignation of Prof. C. Watkins.

Prof J. B. Bond, who had made this branch a specialty for a number of years, accepted the position, and at once entered upon his duties with energy and enthusiasm; and has given eminent satisfaction to the students and all concerned.

We have also to report that Prof. George C. Hartt, who lectured upon Medical Botany and Hygine, tendered his resignation, which was reluctantly accepted; as Prof. Hartt had filled this chair with great credit and ability. During the past course, these branches have been taught by the Professor of Materia Medica and Therapeutics.

The vacancy will be filled previous to the beginning of the next course.

It affords us great pleasure to further state that valuable additions have been made to the Chemical and Anatomical Departments, which facilitate teaching these branches by practical illustrations.

We cheerfully assure you that our progress the past year has been all we could conscientiously expect, considering the depressed financial condition of the country.

Our prospective future is promising, and we can assure those seeking a Medical education that they can do equally as well at the Medieal Department in Little Rock, as at any other institution in the country.

Respectively yours,

P. O. HOOPER, M. D.,
WILLIAM THOMPSON, M. D.,
R. DuVAL, M. D.
} *Trustees.*

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ARKANSAS INDUSTRIAL UNIVERSITY.

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ELEVENTH CATALOGUE

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

LOCATED AT

Fayetteville, Washington County, Arkansas.

FOR THE YEAR ENDING JUNE 7, 1883,

AND

ANNOUNCEMENT FOR 1883-84.

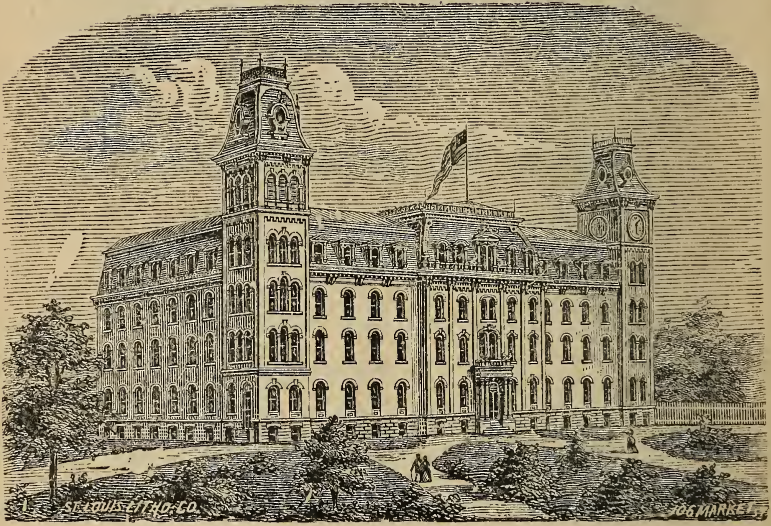
ORGANIZED SEPTEMBER 18, 1871.

JUNE 1883.

LITTLE ROCK:
A. M. WOODRUFF, ADM'R GEO. WOODRUFF, PRINTER.
1883.

ARKANSAS

INDUSTRIAL UNIVERSITY.



DIMENSIONS AND CAPACITY.

It is 214 feet long by 122 feet wide, covering an area of 26,108 square feet. It is five stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 13 feet in the clear; first and second stories, 16 feet each; third and fourth, 12 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 74 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 210 feet.

BOARD OF TRUSTEES.

EX-OFFICIO PRESIDENT OF THE BOARD,

His Excellency, JAMES H. BERRY, Governor,
Little Rock, Ark.

REGENT AND SECRETARY,

J. L. CRAVENS, Fayetteville, Ark.

TREASURER,

WM. McILROY, Fayetteville, Ark.

TRUSTEES:

HON. JOSEPH W. MARTIN	Little Rock, Ark.
HON. J. T. BEARDEN	Camden, Ark.
HON. J. P. EAGLE	Lonoke, Ark.
HON. CHARLES COFFIN	Walnut Ridge, Ark.
HON. GEORGE J. CRUMP	Harrison, Ark.
HON. THOMAS M. GUNTER	Fayetteville, Ark.

EX-OFFICIO TRUSTEES:

HON. WOOD E. THOMPSON, STATE SUPERINTENDENT.
Little Rock, Ark.

GEN. D. H. HILL, PRESIDENT OF THE UNIVERSITY.
Fayetteville, Ark.

EXECUTIVE COMMITTEE:

J. W. MARTIN, CHAIRMAN, CHAS. COFFIN, J. P. EAGLE,
W. E. THOMPSON, G. J. CRUMP.

FINANCE COMMITTEE:

T. M. GUNTER, CHAIRMAN, G. J. CRUMP, J. T. BEARDEN.

COMMITTEE ON BY-LAWS:

J. P. EAGLE, CHAIRMAN, CHAS. COFFIN, J. T. BEARDEN.

PRINTING COMMITTEE:

D. H. HILL, CHAIRMAN, CHAS. COFFIN, T. M. GUNTER.

COMMITTEE ON BRANCH NORMAL COLLEGE:

GOV. J. H. BERRY. CHAIRMAN, J. T. BEARDEN,
W. E. THOMPSON.

BOARD OF TRUSTEES OF MEDICAL DEPARTMENT:

P. O. HOOPER, M. D.,	Little Rock, Ark.
E. R. DU VAL, M. D	Fort Smith, Ark.
WM. THOMPSON, M. D	Little Rock, Ark.

BOARD OF VISITORS:

In Attendance at Commencement, June, 1883.

GEN. J. C. TAPPAN	Helena, Ark.
HON JOHN F. RIVES, JR	Searcy, Ark.
HON A. W. DINSMORE	Bentonville, Ark.
HON. J. C. McRAE	Prescott, Ark.
HON H. M. McVEIGH	Osceola, Ark.
JAMES SMITH	Center Point, Ark.

OFFICERS AND INSTRUCTORS.

GEN. D. H. HILL, L. L. D.,
President and Professor of Mental and Moral Science.

N. P. GATES, A. M.,
Principal of Normal Department.

C. H. LEVERETT, A. M.,
Professor of Ancient Languages.

COL. O. C. GRAY, A. M.,
Professor of Mathematics and Commandant of Cadets.

F. L. HARVEY, B. S.,
Professor of Biology and Geology.

MISS S. E. HARRIS, A. M.,
Professor of English and History.

C. P. CONRAD, A. M., (University of Va.)
Professor of Chemistry and Physics.

H. B. EDMISTON, A. M.,
Professor of Modern Languages.

A. V. LANE, C. E., Ph. D.,
Professor of Applied Mathematics and Engineering.

....
Professor of Music.

....
Professor of Military Science and Tactics.

MISS NETTIE G. BEDINGER,
Teacher of Drawing and Painting.

H. M. WELCH, A. M.,
Principal of Preparatory Department.

G. W. DROKE, A. B.,
First Assistant Preparatory Department.

F. L. SUTTON,
Preceptress of Preparatory Department.

MISS ELLA H. CARNALL, A. B.,
Second Assistant Preparatory Department.

P. H. RODGERS, A. B.,
Third Assistant Preparatory Department.

MEDICAL DEPARTMENT,

LITTLE ROCK, ARK.

SESSION OF 1883--84.

PROFESSORS:

P. O. HOOPER, M. D.,
Practice of Medicine, and President of the Faculty.
EDWIN BENTLEY, M. D.,
Institutes and Practice of Surgery.
A. L. BREYSACHER, M. D.,
Obstetrics and Diseases of Women and Children.
JAS. A. DIBRELL, JR., M. D.,
General, Descriptive and Surgical Anatomy.
JOHN J. McALMONT, M. D.,
Materia Medica, Therapeutics, Hygiene and Botany.
JAMES H. SOUTHALL, M. D.,
Institutes of Medicine.
ROSCOE G. JENNINGS, M. D.,
Clinical Surgery and Dermatology.
J. M. BUCHANAN, M. D.,
Medical Chemistry and Toxicology.
L. P. GIBSON, M. D.,
Demonstrator of Anatomy.
T. E. MURRELL, M. D.,
Ophthalmology and Otology.
JAMES H. LENOW, M. D.
Diseases of Genito-Urinary Organs.
CLAIBORNE WATKINS, M. D.,
Physical Diagnosis and Clinical Medicine.
LOUIS R. STARK, M. D.,
Gynæcology.
JOHN WATERS, M. D.,
Clinical Medicine and Prosector of Anatomy.
LOUIS AUGSPATH, D. D. S.,
Oral Surgery.
W. U. SIMONS, U. S. SIGNAL SERVICE,
Meteorology, Etc.

John Canonico, Janitor, at the College, on Second, between Main and Louisiana Sts.

All communications should be addressed to R. G. JENNINGS, M. D., Secretary of Faculty, Little Rock, Ark.

REGNANT POPULI.

CATALOGUE OF STUDENTS.

For the Session Commencing September 5th, 1882, and Ending June 7th, 1883.

Regular students in the Collegiate Department are graded in General Deportment and Scholarship on the grade of 100. In all the classes except the Senior, the numbers prefixed to the names indicate rank, No. 1 indicating first rank; No. 2 second rank, etc.

Irregulars, and those taking a Partial Course, are not graded.

NOTE—Very many parents have moved to Washington County for the purpose of educating their children. This accounts for the large number of students from that county.

ACADEMIC DEPARTMENT.

ABBREVIATIONS.

a.—Agricultural.
c.—Classical Course.
s.—Scientific.
m.—Modern Languages.
e.—English Letters.
l.—Latin Letters..
eng.—Engineering.
i.—Irregular in the course, regular if not otherwise designated

SENIOR CLASS.

c.	Bates, C. O	Cincinnati, Washington County, Ark.
l.	Cravens, Jessie	Fayetteville, " " "
c.	England, W. W	Evansville, " " "
c.	Greaves, C. D	Hot Springs, Garland County, Ark.
c.	Mayes, J. F	Fayetteville, Washington County, Ark.
c.	Stroup, Henry	Webb City, Franklin County, "
e.	Taliaferro, Lou	Bentonville, Benton County, Ark.

Total 7.

JUNIOR CLASS.

l.	Anderson, L. S.	Herndon, Craighead County, Ark.
l.	Duncan, W. H.	Conway, Faulkner County, "
i. l.	Edmiston, W. L.	Springfield, Mo.
i. c.	Gates, David A.	Tillar's Station, Drew County, Ark.
l.	Goodwin, W. P.	El Dorado, Union " "
l.	Herren, T. J.	La Crosse, Izard " "
l.	Hillis, E. W.	Jonesboro, Craighead " "
i. l.	Hudson, J. H	Dardanelle, Yell " "
l.	Lake, Ella	Viney Grove, Washington " "
i, e.	Pape, Ada	Ft. Smith, Sebastian " "
i. e.	Pape, Annie	" " " "
l.	Reed, G. W. M.	Fayetteviile, Washington " "
c.	Taff, J. L.	Waldron, Scott " "

Total 13.

SOPHOMORE CLASS.

1.	m.	Bates, J. H.	Cincinnati, Washington County, Ark.
	i. s.	Floyd, J. R.	Bentonville, Benton " "
	i. e.	Gates, Maria	Fayetteville, Washington " "
	i. c.	Hart, J. C.	Dardanelle, Yeli " "
	i. l.	Howell, J. W.	Clarksville, Johnson " "
1.	l.	Kinsworthy, E. B.	Black Colony, Sevier " "
	i. e.	Leverett, Julia	Fayetteville, Washington " "
	i.	Massie, Julia	" " " "
	i.	Morris, Rov. E. E.	" " " "
1.	eng.	Notrebe, E. P.	Sarassa, Lincoln " "
3.	l.	Ross, T. A.	Arkadelphia, Clark " "
	i. l.	Sutton, Mollie	Fayetteville, Washington " "
	i. eng.	Wilkinson, H. D.	Lavaca, Sebastian " "
4.	l.	Woodall, W. H.	El Paso, White " "
2.	l.	Wolverton, C. D.	Fayetteville, Washington " "

Total 15.

FRESHMAN CLASS.

i.	Albright, S. K.	Fayetteville, Washington County, Ark.
l.	Barr, J. H.	Springdale, " " "
m.	Bates, Nannie	Cincinnati, " " "
i. e.	Benbrook, Kittie	Fayetteville, " " "
l.	Berry, J. C.	Yellville, Marion " "
i.	Botefuhr, Lillie	Fayetteville, Washington " "
i. l.	Bridges, R. B.	Charleston, Franklin " "
i. eng.	Carden, F. M. L.	" " " "
i.	Cook, W. W.	Viola, Fulton " "
eng.	Cowan, W. H.	Bentonville, Benton " "

i.	Cravens, Lelia	Fayetteville,	Washington	"	"
c.	Dial, J. T.	Charleston,	Franklin	"	"
i.	Garrett, R. B.	Rally Hill,	Boone	"	"
i. l.	Goodbar, F. M.	Lonoke,	Lonoke	"	"
i. c.	Gordon, T. B.	Russellville,	Pope	"	"
i. c.	Gray, R. E. L.	Prairie View,	Logan	"	"
i. e.	Healy, Mary	Fayetteville,	Washington	"	"
c.	Inman, C. H.	Grapevine, Tex.			
m.	Jennings, Lillie	Fayetteville,	Washington	County,	Ark.
e.	Knight, Carrie	"	"	"	"
m.	Leverett, F. P.	"	"	"	"
l.	Leverett, Mary	"	"	"	"
i. m.	Moessner. J. L.	"	"	"	"
i. c.	McCulloch, R. B.	Conway,	Faulkner	"	"
i. l.	Middleton, Mai	Fayetteville,	Washington	"	"
i. e.	Mulholland, Sara	"	"	"	"
i. c.	Moore, R. R.	Ozark,	Franklin	"	"
i,	Noddin, Emma	Minneapolis, Minn.			
i. c.	Pearce, B. S.	Magnolia,	Columbia	County,	Ark.
i. l.	Phagan, J. C.	Bloomfield,	Benton	"	"
c.	Saddler, W. P.	Paris,	Logan	"	"
i. l.	Sample, W. R.	Fort Smith,	Sebastian	"	"
i. e.	Simonds, Hattie	Fayetteville,	Washington	"	"
i. c.	Smith, A. M.	Webb City,	Franklin	"	"
i. c.	Stone. A. B.	Fayetteville,	Washington	"	"
i. c.	Taff, J. H.	Waldron,	Scott	"	"
i.	Thomasson, Fannie	Van Buren,	Crawford	"	"
i. l.	Tillar, B. J.	Tillar's Station,	Drew	"	"
i. c.	Turpen, T. C.	Mt. Vernon,	Faulkner	"	"
i e	Wainwright, Lilian	Fayetteville,	Washington	"	"
i.	Whitlow, Addie	Booneville, Mo.			
i.	Williams, McNair	Washington,	Hempstead	County,	Ark.

Total 42.

RECAPITULATION.

Seniors	7
Juniors	13
Sophomores	15
Freshmen	42
	77

PREPARATORY DEPARTMENT.

SUB-FRESH CLASS

Berry, Nellie F.	Bentonville,	Benton County,	Ark.
Bollinger, Mattie	Fayetteville,	Washington	”
Crouch, Dora	Fayetteville,	Washington	”
Caruthers, Elmo	Waldron,	Scott	”
Curtis, S. M	Enold,	Faulkner	”
Campbell. W. B	Stone Point,	Vanzant County,	Texas.
Dunagan, D	Rhea's Mill,	Washington County,	Ark.
Dickson, W. E	Magnolia,	Columbia	”
Ellis, U. Z	Fayetteville,	Washington	”
Freyschlag, E. M	Fayetteville,	Washington	”
Hunt, Josie	Fayetteville,	Washington	”
Hall, H. J	Fayetteville,	Washington	”
Humphreys, T. H	Fort Smith,	Sebastian	”
Harrod. W	Conway,	Faulkner	”
Hawkins, A. A	Dardanelle,	Yell	”
Hawkins, J. A	Dardanelle,	Yell	”
McIlroy, W. R	Fayetteville,	Washington	”
Milner, P. H	College Hill,	Columbia	”
Nealy, E. A	Fayetteville,	Washington	”
Nixon, Esmay	Eureka Springs,	Carroll	”
Patterson, A. M	Mt. Holly,	Union	”
Reynolds, Jennie	Fayetteville,	Washington	”
Reddin, D. J	Paris,	Logan	“
Stone, M. C	Webb City,	Franklin	“
Sutton, H. S	Fayetteville,	Washington	“
Thompson, J L	Monticello,	Drew	“
Thompson, W. T	Monticello,	Drew	“
Tillman, S. J	Fayetteville,	Washington	“
Taff, J. A	Waldron,	Scott	“
Vaughn, W. R	Little Rock,	Pulaski	“
Van Hook, W. M	El Dorado,	Union	“
Whitlock, T	Charleston,	Franklin	“
Webb, W. J	Charleston,	Franklin	“
Wainwright, W. H	Fayetteville,	Washington	“
Welch, J. W	Fayetteville,	Washington	“

Total, 35.

A. CLASS.

Aiken, Don	Fayetteville,	Washington County,	Ark.
Bacon, G. R	“	“	“
Baily, B. F	Hot Springs,	Garland	“
Baker, G. W	Fayetteville,	Washington	“
Baker, J. B	“	“	“

Barnett. J. M	Smithville,	Lawrence County,	Ark.
Barton, Lizzie	Mound City,	Crittenden	"
Barry, Belle	Fayetteville,	Washington	"
Bates, W. R	Cincinnati,	"	"
Baum, Jos	Galena,		Kansas.
Baum, Nettie	Fayetteville,	Washington County,	Ark.
Benbrook, W. L	"	"	"
Blake, C. M	"	"	"
Boone, Mary A	"	"	"
Carter, J. D	"	"	"
Carter, Nora	"	"	"
Chasteen, James	"	"	"
Coffey, Belle	"	"	"
Copeland, W. E	"	"	"
Donaghy. G. W	Conway,	Faulkner	"
Dunagan, D	Rhea's Mill,	Washington	"
Dupuy, D. C	Askew,	"	"
Emerich, Jno	Fort Smith,	Sebastian	"
Fannin. E. J	Oak Lodge,		I. T.
Flynn, Mat	Fayetteville,	Washington County,	Ark.
Fuqua, Birdie	"	"	"
Gilbreath, W. J	Siloam,	Benton	"
Gunter, Walker	Fayetteville,	Washington	"
Hall, H. J	"	"	"
Harris, Ada	"	"	"
Hart, E. W	"	"	"
Harris, C. J	Webb City,	Franklin	"
Hames, W. S	Pineville,	Izard	"
Healy, C. J	Fayetteville,	Washington	"
Hensly, W. B	Ozark,	Franklin	"
Humphreys, T. H	Ft. Smith,	Sebastian	"
Ingram, H. B	Waller Chapel,	Lonoke	"
Jackson, Henry	Fayetteville,	Washington	"
Kemp, Elzie	"	"	"
Knight, Fred	"	"	"
Leverett, S. T	"	"	"
Lipe. J. G	Oowalla,		I. T.
Maguire, H. M	Maguire's Store,	Washington County,	Ark
Massey, J. W	Rondo,	Conway	"
Mathis, Laura	Ft. Smith,	Sebastian	"
Mays, Sallie	Fayetteville,	Washington	"
Mays, T	Goshen,	"	"
McCart, Jennie	Fayetteville,	"	"
McClure, Laura	"	"	"
McEnery, Fred	Columbus,	Hempstead	"
McIlroy, J. H	Fayetteville,	Washington	"
McKinly, C. S	Harrisburg,		N. C.
McRoy, Minnie	Fayetteville,	Washington County,	Ark.

Mills, W. B	El Paso,	White County,	Ark.
Milner, P. H	College Hill,	Columbia	“
Moessner, Lottie	Fayetteville,	Washington	“
Obenshain, Ora	“	“	“
Oldham, S. K	Eureka Springs,	Carroll	“
Ostrander, Effie	Fayetteville,	Washington	“
Pace, Ida	“	“	“
Parks, Ida	Prairie Grove,	“	“
Patton, Maggie	Cabot,	Lonoke	“
Peel, Kate	Bentonville,	Benton	“
Pettus, W. E	Okalona,	Clark	“
Pettus, Euella		“	“
Puryear, J. W	Lonoke,	Lonoke,	“
Reed, J. L	Fayetteville,	Washington	“
Reed, W. L	“	“	“
Reid, C. C	Morrilton,	Conway	“
Rosenstein, W. C	Hartley,	Montgomery County,	Tex.
Ross, Medaline	Fayetteville,	Washington County,	Ark.
Rowland, J. H	Summerville,	Calhoun	“
Rutherford, R. S	Billingsly,	Washington	“
Rutherford, Julia	“	“	“
Skelton, G. V	Fayetteville,	“	“
Slagle, Ida	Siloam,	Benton	“
Sleeper, Jas	Morrillton,	Conway	“
Slocomb, J. R	Little Rock,	Pulaski	“
Snell, W. W	Reagan,	Falls County,	Texas.
Snodgrass, J. S	Mulberry,	Franklin County,	Ark.
Stanford, W. T	Waldron,	Scott	“
Steere, Frank	Fayetteville,	Washington	“
Stone, M. C	Webb City,	Franklin	“
Sykes, McRae	Fort Gibson,		I. T.
Taff, A G	Waldron,	Scott County,	Ark.
Taff. Mollie	“	“	“
Taylor, Maggie	Fayetteville,	Washington	“
Taylor, Chas	Van Buren,	Crawford	“
Thomas, B. W	Maguire's Store,	Washington	“
Thompson, W. T	Monticello,	Drew	“
Thompson, J. L	“	“	“
Thurmond, W. T	Fayetteville,	Washington	“
Thurmond, Mamie	“	“	“
Tillman, Annie	“	“	“
Titsworth, E. N	Roseville,	Logan	“
Trott, Robbie,	Fayetteville,	Washington	“
Van Winkle, Wallace	War Eagle Mills,	Benton	“
Valentine, J. T	Webb City,	Franklin	“
Walker, J. W	Fayetteville,	Washington	“
Wainwright, Fannie	“	“	“
Welch, J. G	“	“	“
Welch, Alice	“	“	“

Williams, H E	Fayetteville,	Washington County,	Ark.
Whitlow, Mabel	"	"	"
Wilkerson, P. H	Reed's Creek,	Sharp	"

Total 105.

B. CLASS.

Albright, G. E	Fayetteville,	Washington County,	Ark.
Bates, C. P	Cincinnati,	"	"
Baker, J. B	Fayettevilte,	"	"
Baker, G. W	"	"	"
Barry, Belle	"	"	"
Botefuhr, Beulah	"	"	"
Baum, Jos	Galena,		Kansas.
Coffey, F. M	Fayetteville,	Washington County,	Ark.
Carlisle, Jimmie	"	"	"
Dumas, A P	Winchester,	Drew	"
Dowell, Delia	Fayetteville,	Washington	"
Donaghy, G. W	Conway,	Faulkner	"
Dowell, S. F	Fayetteville,	Washington	"
Emerich, Louis	Fort Smith,	Sebastian	"
Ellis, Kate	Fayetteville,	Washington	"
Ellis, Jessie	"	"	"
Fuqua, Birdie	"	"	"
Floyd, W. E	Clarksville,	Johnston	"
Gunter, Walker	Fayetteville,	Washington	"
Gregg, H. L	"	"	"
Hansard, Harvey	"	"	"
Harrison, J. C	"	"	"
Harris, C. J	Webb City,	Franklin	"
Ingram, H. B	Waller Chapel,	Lonoke	"
Irvin, Ida	Mt. Ida,	Montgomery	"
Johnston, A. J	Fayetteville,	Washington	"
Kelton, Ida B	"	"	"
McClelland, Mollie	"	"	"
Mitchell, G. W	Augusta,	Woodruff	"
Marion, H. M	Fayetteville,	Washington	"
McIlroy, J. H	"	"	"
Mays, T	Goshen,	"	"
Melburn, Frank	Fayettevilie,	"	"
Murrell, B. D	Austin,	Lonoke	"
McRae, K. G	Mt. Holly,	Union	"
North, Nattie	Maguire's Store,	Washington	"
Newsom, Hubert	Fayetteville,	"	"
Obenshain, Ulah	"	"	"
Oldham, S. K	Eureka Springs,	Carroll	"
Pace, Ida	Fayetteville,	Washington	"
Pitman, Hubert	"	"	"
Rutherford, R. S	Billingsly	"	"
Rutherford, Julia	"	"	"
Ross, E. Carrie	Arkadelphia,	Clark	"

Raedles, Cora	Fayetteville,	Washington	“
Rosenstein, W. C	Hartley,	Montgomery County,	Tex.
Reaves, A. C	Harrisburg,	Poinsett County,	Ark.
Reaves, F. W	“	“	“
Reynolds, Mattie	Fayetteville,	Washington	“
Reynolds, Lula	“	“	“
Sleeper, J. H	Morrillton,	Conway	“
Slagle, Ida	Siloam,	Benton	“
Simonds, Helen	Fayetteville,	Washington	“
Skelton, G. V	“	“	“
Simms, J. J	Boles,	Scott	“
Snodgrass, Frankie	Siloam,	Benton	“
Thomas, Helen	Fayetteville,	Washington	“
Trott, Bertha	“	“	“
Tilman, Annie	Fayetteville,	Washington	“
Vaughn, J. C	“	“	“
Valentine, J. T	Webb City,	Franklin	“
Williams, W. E		Salis,	Miss.
Walker, Nannie	Fayetteville,	Washington County,	Ark.
Webber. J. H	Center Point,	Howard	“
Young, O. I	Fayetteville,	Washington	“

Total 65.

C. CLASS.

Agee, F. A	Fayetteville,	Washington County.	Ark.
Ainsworth, Jas	Oak Lodge,	Indian	Ter.
Albright, G. E	Fayetteville,	Washington County,	Ark.
Alexander, J. L	Alma,	Crawford	“
Archias, L. H	Helena,	Phillips	“
Aiken, Gertie	Fayetteville,	Washington	“
Botefuhr, Fannie	“	“	“
Barton, G. N	“	“	“
Bollinger, F. A	“	“	“
Bradford, J. M	Rondo,	Conway	“
Campbell, Robt	Fayetteville,	Washington	“
Caraway, Lula	Webb City,	Franklin	“
Carlisle, Belle	Fayetteville,	Washington	“
Cash, Bertha I		Eddyville,	Ky.
Cate, W. P	Fayetteville,	Washington County,	Ark.
Chasteen, C. A	“	“	“
Christian, Mary H	“	“	“
Cloud, W. T	Okolana,	Clark	“
Conner, Clint	Fayetteville,	Washington	“
Curry, Ella May	“	“	“
Curry, Jennie G	“	“	“
Davidson, Lenna	“	“	“
Dowell, S. F	“	“	“
Dunaway, Maggie	“	“	“
Duke, Annie	“	“	“

Echols, W. T.	Memphis, Tenn.		
Ellis, Jessie	Fayetteville,	Washington County,	Ark.
Foreman, G. E.	Vinita,	Indian Ter.	
Fuqua, Jessie	Fayetteville,	Washington County,	Ark.
Gregg, Dora	"	"	"
Hall, W. W	"	"	"
Hamor, Capitola	"	"	"
Hansard, Chas	"	"	"
Harris, Montie	Webb City,	Franklin	"
Harris, Wm	Fayetteville,	Washington	"
Harrison, Lida	"	"	"
Healey, Dan	"	"	"
Holt, G. W	Roseville,	Logan	"
Hughes, Martha M	Osage Mills,	Benton	"
Hughes, Geo. A	"	"	"
Hurlbut, Maud A	Fayetteville,	Washington	"
Hyde, A. H	Fort Gibson,	Indian Territory,	
Irvin, Ida.	Mt. Ida,	Montgomery County,	Ark.
Irvin, Robt	"	"	"
Jackson Edna	Fayetteville	Washington	"
Jennings, W. B	"	"	"
Jennings, Lizzie	"	"	"
Johnston, Belle	"	"	"
Johnston, A. J	"	"	"
Jordan, S. J	Gum Log,	Pope	"
Kelton, S. H	Fayetteville,	Washington	"
Kelton, Ida B	"	"	"
Leverett, Ammie	"	"	"
Maguire, Addie	Maguire's Store,	"	"
Marion, Lena	Fayetteville,	"	"
Marion, H. M	"	"	"
McRoy, Julia	"	"	"
McClelland, F. L	"	"	"
Miller, O. H	"	"	"
Millsap, N	"	"	"
Morrow, Mattie	"	"	"
Morrow, S. Y	"	"	"
Moore, Mabel	"	"	"
Moore, Nellie I	"	"	"
Moore, Fred	"	"	"
Mullins, Dora	"	"	"
Naylor, Chas	"	"	"
Newsom, Hubert	"	"	"
North, Nattie	Maguire's Store,	"	"
Nix, Minnie C	Fayetteville,	"	"
Nix, W. E	"	"	"
O Connell, Maggie	"	"	"
Pace, Frank	"	"	"
Parks, Fannie	Boonsboro,	"	"
Patton, Beulah	Fayetteville,	"	"

Pelly, C. M	Ft. Smith,	Sebastian	County, Ark.
Pitman, Jennie	Fayetteville,	Washington	“
Pitman, Hubert	“	“	“
Proctor, W. L	Walnut Lake,	Desha	“
Pangborn, Jessie	Fayetteville,	Washington	“
Raedles, Alice	“	“	“
Robinson, Jos	Weddington,	“	“
Rosenstein. W. C	Hartley's,	Montgomery	County, Tex.
Sanderson, Berna	Fayetteville.	Washington	County, Ark.
Snodgrass, Frankie	Siloam,	Benton	“
Smith, Leon	Fayetteville,	Washington	“
Steere Maggie	“	“	“
Taff, S. M	Waldron,	Scott	“
Thomas, Lizzie	Fayetteville	Washington	”
Valentine, Alice	Webb City,	Franklin	“
Valentine, J. B	”	”	”
VanWinkle, Peter	War Eagle Mills,	Benton	“
Vaughn, R E. L	Fayetteville,	Washington	”
Walker, John	”	”	”
Williams, Mary A	Webb City,	Franklin	”
Williams, J. S	Fayetteville,	Washington	”
Williams, J, H	Maguire's Store,	”	”
Williamson, Carrie	Fort Smith,	Sebastian	”
Wilson, A. J	Fayetteville,	Washington	”
Wians, Lula	”	”	”
Wingo, Zenas	”	”	”
Young, C. Y	”	”	”

Total 102.

NOT CLASSED.

Blackburn, Lura	Ozark,	Franklin	County, Ark.
Crocket, D	Winslow,	Washington	”
Collier, J. H	Clarksville,	Johnston	”
Noble, T. P	Hamburg,	Ashley	”
Rudolph, E	Fayetteville,	Washington	”
Williams, Harriet E	”	”	”
Yarnell, W. H	Searcy,	White	”

Total, 7.

RECAPITULATION.

Sub-Freshman Class	35
A Class	105
B Class	65
C Class	102
Unclassed	7
Total by Classes	314

MUSIC CLASS.

Barton, Lizzie	Mound City,	Crittenden County,	Ark.
Carraway, Lula	Webb City,	Franklin	“
Inman, Mrs. N. L.	Grape Vine,		Tex.
Lake, Ella	Prairie Grove,	Washington County,	Ark.
Leverett, Mary	Fayetteville,	”	”
Leverett, Julia	”	”	”
Lewis, Minnie	”	”	”
Maguire, Addie	Maguire's Store,	”	”
McCroy, Minnie	Fayetteville,	”	”
Nealy, Ernest	”	”	”
Obenshain, Ora	”	”	”
Patton, Maggie	Cabot,	Lonoke	”
Peel, Kate	Bentonville,	Benton	”
Pittman, Jennie	Fayetteville,	Washington	”
Reed, Maud	”	”	”
Rieff, Emma	”	”	”
Ross, Carrie	Arkadelphia,	Scott	”
Slagel Ida	Siloam,	Benton	”
Trott, Robbie	Fayetteville,	Washington	“
Whitlow, Mabel	”	”	”
Williams, Naomi	”	”	”
Williamson, Carrie	Ft. Smith,	Sebastian	”

Total 22.

DRAWING CLASS.

Blake, Flora		Nevada County,	Ark.
Blake, Hattie		”	”
Blakeley, Leonora	Fayetteville,	Washington	”
Carnall, Ella	”	”	”
Caruthers, Elmo	Waldron,	Scott	”
Fuqua, Birdie	Fayetteville,	Washington	”
Gates, Maria	”	”	”
Gates, Cora	”	”	”
Harrison, Lida	”	”	”
Jennings, Lily	”	”	”
Leverett, Amarintha	”	”	”
Loy, Minnie	”	”	”
Mock, Maggie	Prairie Grove	”	”
Murdock, Annie	Fayetteville,	”	”
Nixon, Ismene	Eureka Springs,	Carroll	”
Porter, Mamie	Fayetteville,	Washington	”
Reed, Lina	”	”	”
Smith, Hannibal	”	”	”

Thomasson, Fannie	Van Buren,	Crawford County,	Ark.
Williams, Orville	Fayetteville,	Washington	”
Williams, Mary	”	”	”
Young, Charles	”	’	”

Total 22.

GENERAL SUMMARY.

Collegiate Department		77
Preparatory	“ (by classes)	314
Music Class		22
Art	“	22
		435
Deduct for names repeated		63
Total enrollment		372

COLLEGIATE DEPARTMENT.

COURSES OF STUDY.

The University offers nine regular courses of study, the Classical, Latin Letters, Modern Language, English, Civil Engineering, Mining Engineering, Agricultural and Normal, leading respectively to the degrees of Bachelor of Arts, Bachelor of Latin Letters, Bachelor of Letters, Bachelor of English, Civil Engineer, Mining Engineer, and Bachelor of Agriculture.

Students under twenty-one years of age will be required to take one of these regular courses, unless excused on the written application of parent or guardian.

REQUIREMENTS FOR ADMISSION.

For admission to the Freshman Class, students wishing to take a full course, will be required to pass a satisfactory examination on all the studies of the correlated course of the Preparatory Department. Those who are not candidates for a degree, but may wish to take an irregular course, will be admitted to any collegiate class, on satisfying the professor in charge of such class of their fitness for the work.

COURSES OF STUDY.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGE COURSE.	ENGLISH COURSE.
FRESHMAN YEAR.	FIRST TERM.	Algebra	Algebra	Algebra	Algebra
		English	English	English	English
		Latin	Latin	Mod. Lang.	Mod. Lang. or Latin
		Greek or Mod. Lang.			
	SECOND TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics or Bot.	Physics	Physics	Physics
		Latin	Latin	Mod. Lang	Mod. Lang. or Latin
		Greek or Mod, Lang.			
	THIRD TERM.	Geometry	Geometry	Geometry	Geometry
		English	English	English	English
		Physics or Bot.	Physics	Physics	Physics
		Latin	Latin	Mod. Lang.	Botany
		Greek or Mod. Lang.			Mod. Lang. or Latin
SOPHOMORE YEAR.	FIRST TERM.	Trigonometry	Trigonometry	Trigonometry	Trigonometry
		English	English	English	English
		Gen’l Chemistry or Zoology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology
		Latin	Latin	Mod. Lang.	Mod. Lang. or Latin
		Greek or Mod. Lang.			
	SECOND TERM.	Anal. Geometry	Anal. Geometry	Anal. Geometry	Anal. Geometry
		English	English	English	English
		Gen’l Chemistry or Zoology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology
		Latin	Latin	Mod. Lang.	Mod. Lang. or Latin
		Greek or Mod. Lang.			
	THIRD TERM.	Anal. Geometry	Anal. Geometry	Anal. Geometry	Anal. Geometry
		English	English	English	English
		Gen’l Chemistry or Zoology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology	Gen’l Chemistry or Biology
		Latin	Latin	Mod. Lang.	Mod. Lang. or Latin
		Greek or Mod. Lang.			

COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE,
Algebra	Algebra	Algebra	Algebra	Algebra
English	English	English	English	English
Phys. Geog.	Phys. Geog.	Phys. Geog.	Phys. Geog.	Phys. Geog.
Latin	*Mod. Lang.	Mod. Lang.	Mod. Lang.	Mod. Lang.
Pedagogics	Drawing	Drawing	Drawing	Drawing
Geometry	Geometry	Geometry	Geometry	Geometry
English	English	English	English	English
Physics	Physics	Physics	Physics	Physics
Latin	*Mod. Lang.	Mod. Lang.	Mod. Lang.	Mod. Lang.
Pedagogics	Drawing	Drawing	Drawing	Drawing
Geometry	Geometry	Geometry	Geometry	Geometry
English	English	English	English	English
Physics	Physics	Physics	Physics	Physics
Latin	*Mod. Lang.	Mod. Lang.	Botany	Mod. Lang.
Botany	Botany	Drawing	Mod. Lan.	Botany
Pedagogics.			Drawing	Drawing
Trigonometry	Trigonometry	Trigonometry	Trigonometry	Trigonometry
English	Blow-Pipe	Blow-Pipe	Blow-Pipe	Blow-Pipe
Gen'l. Chem.	Gen'l. Chem.	Gen'l. Chem.	Gen'l. Chem.	Gen'l Chem.
Latin	*Mod. Lang.	Mod. Lang.	Mod. Lang.	Mod. Lang.
Pedagogics.	Botany	Ap. Math.	Botany	Botany
			Ap. Math.	Ap. Math.
Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.
Zoology	Zoology	Gen'l. Chem	Zoology	Zoology
Gen'l. Chem	Gen'l. Chem	Mod. Lang.	Gen'l. Chem	Gen'l. Chem
Latin	*Mod. Lang.	Anal. Chem.	Mod. Lang.	Mod. Lang.
Pedagogics	Anal. Chem.	Ap. Math.	Anal. Chem.	Anal. Chem.
			Ap. Math.	
Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.	Anal. Geom.
Gen'l. Chem	Zoology	Gen'l. Chem	Zoology	Zoology
Latin	Gen'l Chem	Mod. Lang.	Gen'l Chem	Gen'l Chem
Pedagogics	*Mod. Lang.	Anal. Chem.	Mod. Lang.	Mod. Lang.
	Anal. Chem.	Ap. Math.	Anal. Chem.	
			Ap. Math.	

*Latin may be substituted.

COURSES OF STUDY--Continued.

		CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGE COURSE.	ENGLISH COURSE.
JUNIOR YEAR.	FIRST TERM.	Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom
		Eng. Literature	Eng. Literature	Eng. Literature	Eng. Literature
		Physiology	Physiology	Physiology	Physiology
		Latin	Latin	Mod. Lang.	English
		Greek or Mod. Lang.			
	SECOND TERM.	Calculus	Eng. Literature	Eng. Literature	Eng. Literature
		Eng. Literature	History	History	History
		History	Logic	Logic	Logic
		Logic	Latin	Mod. Lang.	English.
		Latin			
		Greek or Mod. Lang			
	THIRD TERM.	Calculus	Eng. Literature	Eng. Literature	Eng. Literature
		Eng. Literature	History	History	History
		History	Astronomy or Geology	Astronomy or Geology	Astronomy or Geology
		Latin	Latin	Mod. Lang	English
		Greek or Mod. Lang			
SENIOR YEAR.	FIRST TERM.	Geology or Nat. Philosophy	Mental Philos.	Ment. Philos.	Ment. Philos.
		Ment. Philos.	Polit. Econ.	Polit. Econ.	Polit. Econ.
		Polit. Econ.	Hist. of Civil	Hist. of Civil	Hist. of Civil
		Hist. of Civil	Latin		Eng. Literature
	SECOND TERM	Geology or Nat. Philosophy	Moral Philos.	Moral Philos.	Moral Philos.
		Moral Philos.	Int. Law	Int. Law	Int. Law
		Int. Law	Civil Polity	Civil Polity	Civil Polity
		Civil Polity	Latin.		Eng. Literature
	THIRD TERM.	Philology	Philology	Philology	Philology
		Evidences of Christianity	Evidences of Christianity	Evidences of Christianity	Evidences of Christianity
		Const. of U. S	Const. of U. S.	Const. of U. S.	Const. of U. S.

COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom	Anal. Geom
Eng. Literature	Mineralogy	Mineralogy	Mineralogy	Mineralogy
Physiology	Physiology	Ap. Math	Ap. Math	Physiology
Pedagogics	Anal. Chem	Anal. Chem	Anal. Chem	Stock Breeding
Eng. Literature	Calculus	Calculus	Calculus	Machinery
Geology	Geology	Geology	Geology	Geology,
History	Anal. Chem	Anal. Chem	Anal Chem	Entomology
Logic	Ap. Math	Ap. Math	Ap. Math	Agricultural. Chemistry
Pedagogics				
Eng. Literature	Calculus	Calculus	Calculus	Anatomy
History	Anal. Chem. or Biology	Anal. Chem	Anal. Chem	Anal. Chem
Astronomy or Geology	Geology	Ap. Math	Ap. Math	Astronomy or Geology
History of Education		Geology	Geology	Book-keeping
School Law				

SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE
Nat. Philos	Nat. Philos	Nat. Philos	Physics
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal. Chem. or Biology	Ap. Math	Anal. Chem	Anal. Chem
		Ap. Math	Agriculture.
Nat. Philos	Nat. Philos	Nat. Philos	Physics
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal Chem. or Biology	Ap. Math	Anal. Chem	Anal. Chem
		Ap. Math	Agriculture.
Nat. Philos	Nat. Philos	Nat. Philos	Landscape Garden
Ind. Chem	Ind. Chem	Ind. Chem	Ind. Chem
Anal. Chem. or Biology	Ap. Math	Anal. Chem	Agriculture
		Ap. Math	Veterinary Surgery

SCHEME OF RECITATIONS.

	FIRST HOUR.	SECOND HOUR.	THIRD HOUR	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST TERM.	Mental Philosophy	Political Economy	Natural Philosophy	Physiology	English Literature	Hist. of Civilization
	Jun. Ap. Math	Jun. Lat. and Greek	Jun. Mathematics	Soph. Mod. Lang	Fresh. Latin	Jun. Mod. Lang.
	Soph. Latin	Mineralogy	Soph. Ap. Math	Soph. Greek	Fresh. Ap. Math	Soph. Math
	Soph. Botany	General Chemistry	Rhetoric	Fresh. English		Phys. Geography
	Jun. German	Fresh. Mathematics	Fresh. Mod. Lang			
		Jun. French	Fresh. Greek			
SECOND TERM.	Moral Philosophy	International Law	Natural Philosophy	Geology	English Literature	Biology
	General History	Jun. Lat. and Greek	Jun. Mathematics	Soph. Mod. Lang	Fresh. Latin	Jun. Mod. Lang
	Jun. Ap Math	General Chemistry	Soph. Ap. Math	Soph. Greek	Fresh. Ap. Math	Soph. Math
	Soph Latin	Fresh. Mathematics	Rhetoric	Fresh English		Fresh. Physics
	Zoology	Jun. French	Fresh. Mod. Lang	Logic		
	Jun. German		Fresh. Greek			
THIRD TERM.	Ev. of Christianity	Philology	Jun. Mathematics	Criticism	English Literature	Criticism
	General History	Jun. Lat. and Greek	Soph. Ap. Math	Geology	Zoology	Comp. Anatomy
	Jun. Ap. Math	General Chemistry	Rhetoric	Jun. Astronomy	Fresh. Latin	Jun. Mod. Lang
	Soph. Latin	Fresh. Mathematics	Fresh. Mod. Lang.	Soph. Mod. Lang	Fresh. Ap. Math	Soph. Math
	Fresh. Botany	Jun. French	Fresh. Greek	Soph. Greek		Fresh. Physics
	Jun. German			Fresh. English		

COURSES OF INSTRUCTION.

MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter, by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

TEXT-BOOKS.

Porter's Intellectual Science.
Alexander's Evidences of Christianity.
Wayland's Moral Philosophy.
Bowen's Logic.
Townsend's Civil Government.
Perry's Political Economy.
In English Literature—Marsh, Trench and Shepherd.

NORMAL.

PROF. GATES.

The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends:

1. Training in methods of imparting instruction in the branches to be taught.
2. Methods of leading pupils to think and investigate for themselves.
3. How to grade and organize the various kinds of schools.
4. Government or discipline of schools.
5. Duties of teachers as governed by School Law.

ANCIENT LANGUAGES.

PROF. LEVERETT.

There are four classes in Latin and the same number in Greek. The mode of instruction is by translations from the text-books into English, and from English into Latin and Greek. The principles and idioms of the languages are carefully studied, with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek, or their equivalents, and must have read two books of Cæsar's Commentaries, and two books of Xenophon's Anabasis.

TEXT-BOOKS.

LATIN—FRESHMAN CLASS.

Cæsar—Third and Fourth Books.
Cicero's Orations against Cataline.
Æneid—Six Books.
Exercises in Writing Latin Composition.

SOPHOMORE CLASS.

Horace—Odes, Epodes, and Selections from Satires and Epistles.

JUNIOR CLASS.

Livy—Three Books.
Tacitus—Germania, Agricola and Annals.
Juvenal's Satires.

SENIOR CLASS.

Selections from Cicero's Works.
Pliny's Letters.
Critical Essays.

GREEK—FRESHMAN CLASS.

Xenophon's Anabasis (completed).
Harkness' Greek Composition.
Exercises in Writing Greek.

SOPHOMORE CLASS.

Homer (selections from Iliad).
Herodotus (selections).
Exercises in Writing Greek.

JUNIOR CLASS.

Demosthenes (public orations).
Aristophanes.
Selections from the Lyric Poets.

Books of Reference: Liddel's Rome, Brown's Roman Literature, Smith's History of Greece, Appleton's Classical Atlas.

MODERN LANGUAGES.

PROF. EDMISTON.

The languages taught in this school are the French and the German. The full course in each occupies three years. The course for the first two years is complete in itself, and is designed to impart to the student such a familiarity with the idioms and vocabularies of the two languages as will enable him to read ordinary prose at sight. The third year is devoted to the literary and historical study of the two languages. Throughout the course much attention is given to translations from the English, both oral and written.

The full course in both languages is required for the degree of Bachelor of Letters, and, as substitute for Greek, for the degree of Bachelor of Arts. For the English, Scientific and Engineering degrees only a partial course is required, the student having the option of the full course in German with no French, or the full course in French with one year of German, or two years of each.

The authors selected for class use will vary somewhat from year to year. In the third, or Junior year a course of private reading will be prescribed.

TEXT-BOOKS.

FRENCH.

First Year—Joynes—Otto Lessons and Reader.

Second Year—Joynes—Otto Lessons; Prose Authors; Masson's or Gasc's Dictionary.

Third Year—Borel's Grammaire Francaise; Brachet's Historical Grammar; Classic and Modern Authors; Pylodet's Literature Classique; Gasc's Dictionary.

GERMAN,

First Year—Ahn's Method; Sheldon's Grammar; Buchheim's Reader; Boisen's German Prose.

Second Year—Sheldon's and Whitney's Grammars; Easy Prose; Schiller's Maria Stuart; Whitney's or Adler's Dictionary.

Third Year—Whitney's Grammar; Classic and Modern Authors; Adler's Dictionary.

ENGLISH AND HISTORY.

MISS HARRIS.

ENGLISH.

One year's study of English is required of all students.

Text-Books—Abbott's How to Write Clearly; Rhetoric.

By applicants for literary degrees the study of English is continued for two years, including Rhetoric with composition and criticism, a careful study of representative English works, and a general view of English Literature.

Text-Books—Rhetoric; Shaw's or Arnold's English Literature; Morris's Chaucer; Spenser; More's Utopia (Arber's reprint); Shakespeare; Milton—Areopagitica (Arber's reprint), Paradise Lost; Hudson's Text-book of Prose.

The following plays have been selected for the study of Shakespeare in 1883-84:

Midsummer Night's Dream, Richard II, Henry IV, Richard III, Merchant of Venice, As You Like It, Twelfth Night, Hamlet, Othello, Macbeth, Tempest. Editions recommended: Hudson's, Rolfe's, The Oxford.

Students should have editions of Pope, Young and Tennyson.

Applicants for the English degree take special work in Early English and in the Science of Language.

Text-Books—Marsh and Max Muller.

One year's class work, with individual training throughout the course, is given in Elocution.

HISTORY.

General History and History of Civilization are requisite for all literary degrees.

Text-Books—Freeman and Guizot, Lectures.

PURE MATHEMATICS.

PROF. GRAY.

The course of study for the various degrees is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry and Calculus.

ALGEBRA

(taught by the use of text and reference books and frequent lectures) is confined to the first term of the Freshman year, and embraces the elementary principles; equations, simple and quadratic; ratio, proportion, progression, inequation and differentiation; intermediate coefficients; trinomial theorem in developement of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

GEOMETRY

(taught by the same methods as mentioned for Algebra) is confined to the second and third terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurement of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under the subjects, a variety of original and practical problems for class work.

TRIGONOMETRY

(taught by the use of approved text-books and familiar lectures) is confined to the first term of the Sophomore year, and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc.; the use of logarithms; oblique and right-angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Trigonometry in the mind, applications are made to surveying and navigation during the second term of the Sophomore year—

TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practiced on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice; with compass, chain, level and rod :—

TO NAVIGATION,

by problems in plane sailing; differences in latitude and longitude; Mercator's sailing; computing meridional parts; sailing in currents.

ANALYTICAL GEOMETRY

is taught by lectures and use of text-books, and is confined to two terms, and embraces the Cartesian method of co-ordinates, construction of equations, transformation of co-ordinates, and properties of the Conic sections.

CALCULUS

is taught by the use of text-books and familiar lectures. This study embraces Differential Calculus applied to the differentiation of algebraic, exponential, logarithmic, trigonometrical and circular functions; successive differentiations; differential co-efficients; implicit and compound functions; Maclaurin's formula; Taylor's formula; evolutions of indeterminate expressions; maxima and minima of functions of one variable; in finding tangents and normals to plane curves; to determine convexity and concavity; tracing curves; finding the differential co-efficient of arcs and areas; orders of contact; evolutes and involutes, and this study includes

INTEGRAL CALCULUS,

so far that the student may obtain a fair knowledge of the "33" simple forms of integration.

TEXT-BOOKS.

Robinson's University Algebra. Loomis' Analytical Geometry and Calculus.
Schuyler's Geometry, Trigonometry, Surveying and Navigation.

APPLIED MATHEMATICS.

PROF. LANE.

For students wishing to pursue the Engineering Course, a course of special training in English, French, German, elementary mathematics and drawing has been provided, embracing the first year in the Collegiate Department.

The school of Applied Mathematics is designed as the basis of the course in Civil Engineering and Mining Engineering. The work proper begins with the first term of the second or Sophomore year, and embraces a three years' course in the application of Pure Mathematics to the solution of such problems as are constantly presented to the practical engineer.

The course is divided as follows:

GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large or small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves in the field. Higher Geodesy and the projection of maps will be taught in the second term of the third year.

PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in Pure Mathematics. Each of the systems, orthogonal, axonometric and oblique, are discussed, and students construct the projections of various objects presented.

(C) CENTRAL PROJECTIONS.*

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects, both simple and regular in form.

ROADS, RAILWAYS, TUNNELS AND CANALS.

The principles of the construction of each of these are fully presented, and, as far as practicable, students are required to apply for themselves these principles in the field, in laying out and staking curves; computing various cuts and fills, etc.

MECHANICS.

Such a course in Theoretical Mechanics is given as is necessary to a proper comprehension of those subjects dependent on it.

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*Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.

STRENGTH OF MATERIALS.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected are taught, and the student is required to apply his knowledge by the solution of a number of problems relating to the stability of different structures.

(C) ARCHES, BRIDGES, ROOFS.*

The general principle of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the drawings for different constructions, and calculate the stability required in the various parts.

(C) ARCHITECTURE.

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern style of public and private buildings. Plans, elevations and perspective drawings of various kinds of buildings are made by students.

MACHINES AND MACHINERY.

This subject embraces the gearing of machinery, study of various machines in detail, construction of mill-work, and a course in design.

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*Subjects marked (C) are only required in the course in Civil Engineering.

TRANSMISSION OF POWER.

This subject has especial reference to the use of wire ropes and of compressed air, as in powder-mills, tunneling, etc.

ENGINES.

The student has his attention drawn to the mechanism, working and use of various kinds of steam and gas-engines, locomotives, etc.

HYDRAULIC ENGINEERING.

In this branch of the course are taught the methods of collecting, conveying and distributing water for city supplies and manufacturing purposes, construction of reservoirs and sewers; theory of river and coast improvements, and theory of hydraulic motors.

(M) MINING.*

Here are studied the various operations of sinking vertical and inclined shafts, and driving tunnels; the means of ventilating mines—the machinery used; and the estimation of costs in working a mine.

(M) UNDERGROUND SURVEYING.

Under this head are taught the methods of laying out work underground, and the construction of lines of communication beneath the surface.

(M) UNDERGROUND STRUCTURES.

In this subject the attention of the student is called to the constructions that are necessary in mining, and, as far as possible, an idea is given him of the circumstances on which these will depend, and the best means of securing stable structures in any given case.

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*Subjects marked (M) are only required in the course of Mining Engineering.

DRAWING.

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. Students in the course of Civil Engineering pursue this course throughout the entire three years; for those in Mining Engineering the subject is not carried to the same extent. But in both cases it is as far as possible made parallel with the above mentioned branches. Each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A commodious drawing-room has been fitted up with the most approved style of furniture. But each student has to provide himself with suitable drafting instruments. The cost of such a set will be about fifteen dollars.

FIELD WORK.

The Engineering Department is furnished with surveyor's and engineer's field instruments of the best construction. These are taken separately and explained to the class. Students are required to apply their knowledge to the making of actual surveys, laying out and staking curves, running levels, calculating cuts, fills, etc.

The work, like the course in drawing, is more limited for the students in Mining Engineering, but for those in Civil Engineering, it extends through the entire course. Students in each class are required to show skill and ability for the performance of the field operations of their profession.

A general comprehensive idea of the course is given through some standard work, followed by a detailed study of its most important subjects by the use of special text-books.

The Library is well supplied with books for reference. Additions will be given in the form of notes, when deemed necessary.

PHYSICS AND CHEMISTRY.

PROF. CONRAD.

PHYSICS.

This department embraces Physics proper and Astronomy.

PHYSICS.—The Freshman Class studies *Elementary Physics* during the last two terms. The course embraces the groundwork of future scientific study, and gives correct ideas on common phenomena in every day life. Additional apparatus has been purchased, and the subjects will be fully illustrated.

Text-Books—Wells' (new edition); Notes and Problems.

The Senior Class studies *Advanced Physics* during two terms.

Text-Book—Ganot's Physics.

ASTRONOMY.—The Junior Class studies *Descriptive Astronomy* during the third term.

Text-Book—Newcomb & Holden.

The Senior Class studies *Spherical and Physical Astronomy* during two terms. Study of constellations during third term optional. Recent additions of charts, photographs, globe and astral lantern will add to the interest of this study. A small telescope will be brought to the aid of the student.

Text-Books—Newcomb & Holden. *Reference*—Norton.

CHEMISTRY.

This department is divided as follows:

GENERAL CHEMISTRY.

This course is studied by the Sophomore Class during the entire year. The first term is devoted to Chemical Physics, embracing the application of the Metric System, Specific Gravity, Analytical Balance, the principles of Osmose and Diffusion, and the laws of Heat, Light and Electricity, in their bearing upon the future studies in Chemistry.

Text-Books—Pynchon ; Notes and Problems. *Reference*—Miller, Cooke.

The study of Chemistry begins with the second term. The aim in this class is to secure, first of all, a thorough understanding of the principles of Chemical Philosophy. Much attention is given to the solution of problems, illustrating chemical combination by weight and by volume, and the use of chemical symbols. In the treatment of the non-metallic and metallic elements, and in the presentation of the main facts and principles of Organic Chemistry, it is the design to show the principles of Modern Chemical Theory, as well as to bring out such facts, and their application in the arts and manufactures, as are of common interest. The Lecture room has been well fitted up, and supplied with ample facilities for class illustration.

Text-Books—Roscoe; Notes and Problems. *Reference*—Barker, Cooke, Wurtz, Fownes, Miller.

ANALYTICAL CHEMISTRY.

This study may be taken up by all students. It embraces Blowpipe Work and Determinative Mineralogy, Qualitative Analysis, Assaying and Metallurgy. The student is taught the use of the blowpipe and the mode of detecting simple substances; ample practice in this and other forms of chemical manipulations being given. A systematic course of Qualitative Analysis is then taken up, and having learned the more important chemical substances, the student is required to analyze and report upon substances given him, including mixtures of salts, ores, and other compounds. Quantitative Analysis is at first confined to known substances; when confidence and accuracy have been acquired, the student is given, in progressive series, more difficult substances, as ores, minerals, manures, soils, mineral waters, technical products, etc. Determinative Mineralogy is studied by the aid of the blowpipe during the first term of the Junior year. A course of fire assaying, adapted to the grade of each class, is pursued during the winter months. Especial attention will be given to the analysis of State Minerals and Ores. The Laboratory is provided with two of Becker's best balances, and recent appropriations will materially aid in supplying apparatus.

Each student in the Chemical Laboratory is required to deposit $10, and is furnished with working-table, re-agents, and necessary apparatus. At the close of the session, he will be credited with such articles as may be returned in good order; the cost of materials used and the value of articles injured or destroyed will be deducted from the deposit.

Text-Books—Landauer, Brush, Clowe's, Fresenius, Ricketts, Mitchell, Phillips, Crook & Rohrig's Metallurgy.

AGRICULTURAL CHEMISTRY.

A course of lectures will be delivered, embracing a discussion of the physical and chemical properties of soils, and the chemistry of vegetable life and growth, of composting, of such farm operations as plowing, fallowing, drainage, etc.

Text-Books—S. W. Johnson, J. F. W. Johnson, Liebig. For Agricultural Chemical Analysis—Church and Caldwell.

INDUSTRIAL CHEMISTRY

This work, which is taken up in the Senior year, embraces a discussion in detail of the processes and chemical principles involved in the application of Chemistry in the more important arts and manufactures, in the reduction of ores, the preparation of material for food and drink, for clothing, shelter, heating, illumination, cleansing, writing, printing, etc.

Text-Books—Wagner's Chemical Technology. *Reference*—Watt, Ure, Muspratt, Appleton's Dictionary.

In connection with the *Normal Work* of the University, opportunity will be afforded, by practical work in the Laboratory, to those who desire to familiarize themselves with the actual manipulation necessary for giving instruction in physics and chemistry.

NOTE.—Applicants for other than scientific degrees are only required to reach Second Division Grade (50) in General Chemistry.

BIOLOGY AND GEOLOGY.

PROF. HARVEY.

GENERAL BOTANY

begins with the Spring term of the Freshman year, and is continued through the first term of the Sophomore year.

The first term is devoted to a consideration of the structure and uses of the organs of plants, together with analysis, classification and study of the easier orders of flowering plants.

To pass the subject, students will do laboratory work, and prepare one hundred specimens for an herbarium. In those courses where Botany is studied but one term, a collection of only fifty species will be required.

The second term is devoted to a study of the Compositæ, Gramineæ, Cyperaceæ, and other difficult orders, together with a course in Cryptogamic aud Economic Botany.

CRYPTOGAMIC BOTANY

embraces a consideration of the characters of equisetums, ferns, mosses, liverworts, ground-pines, fungi, lichens and algæ.

The ferns of the State are classified. The economic value of fungi and lichens is considered, also the prominent forms of injurious fungi.

ECONOMIC BOTANY

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions: fibre, food, forage, medicinal and ornamental plants; plants yielding dyes, gums, spices, narcotics, etc.

BOTANICAL TEXT AND REFERENCE BOOKS.

Gray's Manual and Lessons.
Wood's Botany.
Gray's Structural Botany.
Sach's Text-Book.
Various Catalogues and Government Reports.
United States Dispensatory.
Gray's Genera Illustrata.
Terry & Gray's Flora of North America.
Bessey's Botany.
Gray's Flora of North America.
Chapman's Southern Flora.
LeMaout & Decaisne's Descriptive and Analytical Botany.

COMPARATIVE ZOOLOGY.

This subject occupies the second and third terms of the Sophomore year; embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of a compound microscope.

PHYSIOLOGY.

Advanced Physiology is considered during the first term of the Junior year. It will embrace Human Anatomy, Physiology and Hygiene.

COMPARATIVE ANATOMY

occupies the third term of the Junior year, and embraces a comparison of the muscular, osseous, nervous, digestive, circulatory and respiratory systems in man, with those of the lower animals.

ADVANCED BIOLOGY

is pursued as indicated in the courses of study and embraces laboratory work and classification.

REFERENCE AND TEXT-BOOKS IN ZOOLOGY.

Flint and Dalton's Works on Physiology.
Gray's Anatomy.
Orton's and Nicholson's Works on Comparative Zoology.
Owen's Physiology and Anatomy of Vertebrates.
Carpenter's Principles of Comparative Zoology.
Darwin's Works.
Cou's Key to North American Birds.
Tenny's Manual of Zoology.
Packard's Guide to the Study of Insects.
Flint's Insects Injurious to Vegetation.
Various Government Reports.
Chauveau's Comparative Anatomy.
Gordon's Manual of Vertebrates.
(Entozoa, Cobbold.)
(Veterinary Surgery, Williams.)
Wallace's Distribution of Animals.
Packard's Manual of Zoology.

COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

MINERALOGY AND LITHOLOGICAL ZOOLOGY

occupy the first term of the Junior year, and consider rock masses and mineral species. The work is impressed by cabinet specimens and blow-pipe analysis. State minerals receive special consideration.

DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second and third terms of the Junior year, and embrace a study of the forces that have and are still modifying the features of the earth; together with a consideration of the principles upon which geologists divide the strata of the earth into ages, periods, etc.

ECONOMIC GEOLOGY

embraces methods of conducting surveys, relation of mineral deposits in geological formation, selection of building materials, etc.

Students, who take the full course in Geology, are required to classify fossils, do field work, and elaborate their observations.

TEXT-BOOKS.

Dana's Text-Books and Manuals. LeConte's Geology. Lyell's Principles.
Cornell, Guyot and Warren's Physical Geographies.
Geological Surveys of many of the States. Also Government Reports.

SPECIAL WORK.

Students will be permitted to study any of the sciences above mentioned as *Special Work,* without applying for a degree—providing they are qualified.

Facilities will be afforded in Botany, Zoology, Physiology and Anatomy to such as wish to pursue a course of study looking to the medical profession.

A course in Botany and the use of Dispensatories will be given to any who desire to lay a foundation for the druggist's business.

Students taking *regular courses,* when they have time, by the permission of the Faculty will be allowed to take special work.

A certificate showing the amount of special work done will be granted when desired.

MILITARY DEPARTMENT.

PROF. GRAY.

Instruction in this department is designed to impart to each male student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion; the duties of guards, outposts and pickets.

The drills occur not over three times a week, and being short, involve no hardship, while it is manifest that they afford a good health-giving exercise, and aid in the developement of physique and manly carriage of the cadet. The entire body of male students is divided into companies, which are officered by cadets, selected for proficiency in drill, good deportment and scholarship. The cadet officers are regarded as assistants in the enforcement of discipline, and their orders, while on duty, are considered as duly authorized, and must be obeyed accordingly.

Cadet officers are expected and required to set examples of military deportment and general good conduct.

A neat suit of cadet gray, with brass buttons and black trimmings, will be required to be worn by all males.

The following is the description:

COAT—(Full Dress): Frock, of cadet material; single-breasted; nine buttons in front, four buttons on skirt in rear, three small buttons on each cuff. The skirt to extend from one-half to three-fourths the distance from the hip-joint to the bend of the knee. Coat to be piped with black; standing collar, not less than one nor more than two inches in width, of black cloth, cut square to hook close in front. Skirt of coat on each side of spring behind to be faced with black cloth; two bands of black cloth, one-half inch in width and one inch apart, on each sleeve, two and one-half inches from the end.

BLOUSE—(For Squad and Company Drill, and other duty when authorized by proper authority, and for ordinary wear) A sack coat of a good article cadet gray, falling collar, single breasted, with five buttons in front, and three on each cuff; the skirt to extend from one-third to two-thirds of the distance from the hip-joint to the bend of the knee; no outside pockets; piped with black.

PANTALOONS—To be cadet gray, same material as coat, with stripe of black cloth one inch wide down outside seam.

FORAGE CAP—Dark blue cloth, according to pattern, with initials "A. I. U." surrounded by wreath, all in silver.

Cadets acting as officers and non-commissioned officers shall be designated by the following badges:

CAPTAIN—Chevrons of four bars of black cloth one-half inch in width, on each arm above the elbow, point up.

LIEUTENANT—Chevrons of three bars, same material and pattern, point up.

ADJUTANT—The Lieutenant's chevron with an arch.

QUARTERMASTER—The Lieutenant's chevron with a horizontal bar.

SERGEANT—Chevrons of two bars, same material and pattern, point down.

FIRST SERGEANT—Sergeant's chevron, with a lozenge.

COLOR SERGEANT—Sergeant's chevron, with a star.

CORPORAL—Chevrons of one bar, same material and pattern.

COLOR CORPORAL—In addition to Corporal's chevrons, will wear upon both sleeves a star of black cloth, two inches in diameter.

Such uniform can be obtained in Fayetteville, and will be found more healthful and cheaper than ordinary clothing.

ROSTER OF BATALION A. I. U. CADETS.

COL. O. C. GRAY, COMMANDANT.

STAFF OFFICERS.

C. O. BATES, *First Lieutenant and Adjutant.*
L. S. ANDERSON, *Second Lieutenant and Acting Quartermaster.*
W. H. DUNCAN, *Second Lieutenant and Ensign*
W. P. GOODWIN, *Sergeant-Major.*
C. D. WOOLVERTON, *Ordnance Sergeant.*

LINE OFFICERS.

"A" COMPANY.

W. W. ENGLAND, *Captain.*
J. L. TAFF, *First Lieutenant.*
E. W. HILLIS, *Second Lieutenant.*
E. B. KINSWORTHY, *First Sergeant.*
H. D. WILKINSON, *Second Sergeant.*
F. P. LEVERETT, *Third Sergeant.*
A. M. SMITH, *Fourth Sergeant.*
J. T. DIAL, *Fifth Sergeant.*

"B" COMPANY.

J. F. MAYES, *Captain.*
G. W. M. REED, *First Lieutenant.*
W. L. EDMISTON, *Second Lieutenant.*
J.W. HOWELL, *First Sergeant.*
J. H. TAFF, *Second Sergeant.*
W. H. COWAN, *Third Sergeant.*
B. J. TILLAR, *Fourth Sergeant.*
W. R. SAMPLE, *Fifth Sergeant.*

A. I. U. CORNET BAND.

First Lieutenant H. STROUP, *Leader.*
Second Lieutenant C. D. GREAVES, *Second E. Flat.*
Sergeant J. H. BATES, *First B. Flat.*
Sergeant D. C. DUPUY, *Second B. Flat.*
Sergeant D. A. GATES. *First Alto.*
Sergeant E. A. NEALY, *Second Alto.*
Sergeant J. L. THOMPSON, *First Tenor.*
Sergeant E. P. NOTREBE, *Second Tenor.*
Sergeant W. H. WOODALL, *Baritone.*
Sergeant T. A. ROSS, *Tuba.*
Sergeant J. L. REED, *Tenor Drum.*
Sergeant W. L. THOMPSON, *Bass Drum.*

ART DEPARTMENT.

MISS NETTIE BEDINGER.

The Board has made a very liberal provision for this department, furnishing all the casts necessary.

GENERAL INFORMATION.

Students will work from casts and from still life, in crayon and India ink.

Pupils will be required to give much attention to outlining in charcoal from the cast.

Instruction will be given in oil and water colors to students, after having reached a certain grade of excellency in drawing.

All work must he left in charge of the teacher; or if removed by special permission, must be returned before the close of the school year, for public exhibition.

TERMS.

Tuition, per month	$3.00
Half-time pupils, per month	1.50

Full-time pupils will be allowed three school hours per diem, half-time pupils one hour.

DEPARTMENT OF MUSIC.

PROF. ————

PIANO-FORTE.

This course of instruction comprises four years. In case of close attention and extraordinary ability on the part of the pupil, the required standard may be reached in less time.

FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercise, practice of the Scales and such intellectual studies as will prepare the student for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

SECOND YEAR.

Practice of the Scales ; arpeggios, and studies of Czerny, Moschelles, Clementi, etc., and the easier compositions of Mozart, Clementi, Beethoven, etc.

THIRD YEAR.

Practice of the Scale, development of the trill, wrist practice, advance studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

FOURTH YEAR.

Studies of Cramer, Rubenstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven, etc.

Great care will be taken to develop a taste in the pupil for the purest and noblest order of Music.

VOICE CULTURE.

Development of a pure tone. Studies designed to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Lutgen, Rossini, Marchesi, Concone, Bordogni.

VIOLIN.

FIRST YEAR.

Practice of bowing, finger exercises, Manzas' Instructor

SECOND YEAR.

Etudes of Dancla and instructive arrangements from the Operas.

THIRD YEAR.

Kaiser's Etudes, Sonatas by Hayden, Schubert, etc.

FOURTH YEAR.

Krautzer's Etudes, compositions by De Beriot, Kreutzer, etc.

TERMS.

TWO LESSONS PER WEEK.

Piano-Forte, primary pupils	$10 00 per term.
Piano-Forte, advanced pupils	15 00 per term.
Voice Culture, class of four, each	8 75 per term.
Voice Culture, class of three, each	5 00 per term.
Voice Culture, class of two, each	7 50 per term.
Voice Culture, private lessons	15 00 per term.
Violin, class of five, each	3 00 per term.
Violin, class of four, each	3 75 per term.
Violin, class of three, each	5 00 per term.
Violin, class of two, each	7 50 per term.
Violin, private lessons	15 00 per term.
Use of Piano, one hour per day	3 50 per term.

One half of tuition must be paid in advance, balance at the end of term.

No deductions will be made on account of absence from recitations, except in cases of prolonged sickness; then the loss will be shared equally between student and teacher.

Certificates of proficiency will be given.

No charge is made to the student for the following work:

The Preparatory Department will receive instruction in Vocal Music once a week.

Collegiates, vocal instruction once a week.

Advanced pupils in music, harmony once a week.

The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing twice a week.

Orchestra meets for practice twice a week.

PREPARATORY DEPARTMENT.

Students are not admitted into this department until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Subtraction, Multiplication and Division, and also of Common and Decimal Fractions. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of Penmanship, and the spelling of ordinary words of the grade of the Fourth Reader. These qualifications are the test of admission at the beginning of the session; those applying later will be admitted only on the grade of the class.

In reading, the aim will be, first, to develop in the student a full, complete and definite idea of the meaning of the sentence; second, to obtain from the student a natural, easy and graceful expression of the entire thought, as embraced in the sentence.

Spelling will be required of students throughout the entire course, and an endeavor made to secure the correct use of letters and other marks in the formation of every word used.

English Grammar will be taught by requiring the students to form sentences of their own, as well as to analyze those of others. Thus Grammar and Composition will go hand in hand. The student will gradually be led from the simplest constructions to those the most difficult and abstruse. The instructions of the C class will be oral, but as the comprehension of the student enables him to use books to advantage, they will be placed in his hands.

In Arithmetic, processes precede principles, and the object will be to obtain, first, a full understanding of methods, then accuracy in work, and finally, rapidity. Much parallel work is given. Each recitation will be conducted both orally and in writing. Arithmetic is completed in the A year.

In Algebra, students are required to master everything to equations of the second degree.

Oral Geography will begin in the C class, with map-drawing and familiar lessons concerning known localities, and as the comprehension of the student enables him to use text-books to advantage, they will be placed in his hands. Map-drawing will be continued until the course is finished. Drawing will be taught regularly only as applied to mathematics and sciences.

The course in Latin includes a thorough mastery of the 1st and 2nd books of Cæsar's Commentaries, as well as the principles of the grammar.

The Greek year is devoted to a mastery of inflections and elementary construction. Students are exercised by frequent translations from English into Greek and Latin.

TEXT-BOOKS.

Reading—Appleton. Penmanship—Spencerian.
English Grammar, Arithmetic—Ray; Davies' University.
Geography—Mitchell. Algebra—Peck.
English Composition—Hart. U. S. History—Ridpath.
Latin. Greek.
Patterson's Analyzer. American Speller.

COURSE OF STUDY.

C CLASS.

Reading and Spelling.
Penmanship.
Grammar, Oral and Spelling.
Arithmetic.
Geography, Oral and Map-Drawing.

B CLASS.

Reading and Spelling.
Penmanship.
Grammar and Spelling.
Arithmetic.
Geography..

A CLASS.

CLASSICAL.

Arithmetic (completed).
Latin.
English Grammar.
Reading and Spelling.
Penmanship.

ENGLISH.

Arithmetic (completed).
English Grammar.
Geography.
U. S. History.
Reading and Spelling.
Penmanship.

SUB-FRESHMAN.

CLASSICAL.

Algebra.
Latin.
Greek.
Reading and Spelling.
Penmanship.

SCIENTIFIC.

Algebra
English.
U. S. History.
Reading and Spelling.
Drawing.

ENGLISH.

Algebra.
English.
U. S. History.
Reading and Spelling.
Penmanship.

NORMAL.

Algebra.
English..
U. S. History.
Reading and Spelling.
Penmanship.
Latin.
Pedagogics.

GENERAL INFORMATION.

This institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

AIMS OF THE UNIVERSITY.

The aim of the University is to comply strictly with the Acts of Congress and the Acts of the General Assembly of this State, providing for and establishing it; and in order to this end the University is "to teach such branches of learning as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

LOCATION.

The Arkansas Industrial University is located within the corporate limits of the town of Fayetteville, Washington county. The location is thought to be unsurpassed by any other locality in the State, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

PROPERTY.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington county, and the town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to $300,000 in value.

The bonds of the county of Washington, $100,000, and of the town of Fayetteville, $30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have, by action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

ACCESSIBILITY.

Students may reach Fayetteville from both the north and the south by daily trains on the Arkansas branch of the St. Louis and San Francisco Railroad, which now connects on the south with the Little Rock and Fort Smith Railroad at Van Buren.

Students on arriving at Fayetteville must report at once to the President of the University. No student will be allowed to recite in any class until properly enrolled, but will be held responsible for his conduct from the time of his arrival in Fayetteville.

TERMS.

The Scholastic year of the University consists of two terms of thirteen weeks and one term of fourteen weeks. There is no vacation between terms.

CALENDAR.

The terms commence and end as indicated by the following:

CALENDAR FOR THE SCHOLASTIC YEAR 1883–84.

The Autumn Term will commence on the 3d of September, 1883, and close November 30th, 1883.

The Winter Term will commence December 3d, and close March 7th, 1884.

The Spring Term will commence March 10th, 1884, and close June 12th, 1884.

HOLIDAYS.

During the Winter Term there will be a recess extending from the Friday before Christmas Day until the Monday following New Year's Day. The only other holiday allowed is Thanksgiving Day.

DEMERIT AND GRADING SYSTEM.

By any violation of university law, or any neglect of duty the student will incur a number of demerits proportional to the gravity of the offense. The penalty for incurring 200 of these demerits is, in the Collegiate Department, dismissal; in the Preparatory Department, suspension until the end of the current session, which suspension may, on recommendation of the Faculty, be extended by the Board of Trustees.

Every recitation of each student is marked according to its merits, using 100 as the maximum, and the average of all these marks is compounded with the examination and conduct marks, so as to determine the general or final average, and in making up the averages, each study counts in proportion to the number of recitations for the week, while conduct counts with the study taken the greatest number of times per week.

Each demerit received for the term takes off one-half of one from the deportment mark, thus, if a student have ten demerits, his deportment mark will be 95, which counts as a study mark.

The first man in each class of the Collegiate Department is indicated in the catalogue by the number 1, and the second by number 2, etc., etc.

DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow students (even though he be guilty of no gross violation of the college law), they may write his parents or guardian to withdraw him, and may proceed to dismiss him should the request not be complied with.

The strictest attention to study and most exact punctuality in attendance on recitations and all other duties are made the conditions of every student's continuance at the University.

DISCIPLINE.

Discipline, to be effective, must be uniform, just, impartial, and it is the aim of the Faculty in the government of the University to secure, as far as possible, this result.

To relieve the Faculty from the odium of espionage upon the students, the element of self-government has been introduced into the University.

By the adoption of a monitorial system as an adjunct to the military, the discipline of the Institution is placed largely in the hands of the students themselves. The officers detailed for duty, have, with rare exceptions, proved efficient and faithful, showing neither fear nor favor. The obedience of the great mass of students, to the authority of their fellows acting in official capacity, has been cordial and sincere, the only trouble having been with ill-trained youth, who had never at home been taught to respect their parents and themselves. In fact, the idle and disobedient at home, are idle and disobedient at school; while those who are comforts to their parents, are comforts to their teachers also. Insubordination in College is a necessary sequence of defective family government.

RESTLESSNESS.

The greatest obstacle to-day, in the way of successful educational work, is the restlessness and lack of persevering pluck in American youth. We find that the vast majority of our students do not come to the University with any thought of remaining until graduation, and many think they have accomplished wonders by remaining a single term of three months. Those who exhibit such a deplorable lack of pertinacity in youth, can scarcely be expected to succeed in after life. They will succumb under the first serious difficulty. Parents who yield to the importunities of their children to quit school, because of some discouragement, do thereby foster in them a weakness which must be fatal to all vigorous manhood and healthful development. We hope that the students who come up in September, will come with the determination to let no slight impediment turn them back from the path that leads to knowledge, honor and usefulness.

WITHDRAWAL OF STUDENTS.

Parents, or guardians, who wish to withdraw their children or wards from the University, should write to the President of the Faculty, stating their wishes. Unworthy students, sometimes, deceive the Faculty by pretending that their parents desire them to return home. No honorable discharge will be given to a student under age, who is unable to produce the written application of his parent or guardian for his withdrawal. Nor will an honorable discharge be given to a student under censure of any kind, whether for neglect of study, neglect of duty, or other cause, even though he may have the consent of his parent or guardian for his withdrawal from the University.

RELIGIOUS SERVICES.

Religious services, consisting of reading a portion of scripture, prayer and singing are held in the chapel every morning and evening during five days of the week, and once on Sunday. Both students and Faculty are required to attend these exercises, unless excused as provided by the Board of Trustees. Opportunities are afforded for attending church, and students are expected to attend the one of their choice at least once on Sabbath.

Will parents see that their children are furnished with Bibles on leaving home for the University?

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is organized in the Institution a Young Men's Christian Association, which holds its meetings in the University building.

This organization affords those disposed to profit by its privileges, the means of Christian culture, and the encouragement of upright associates.

BOARDING HOUSES.

Students are required to board at such places as are approved by the Faculty, and are under the supervision of the President of the University. No change of boarding house will be allowed, except at the end of each term, unless under extraordinary circumstances, nor without the permission of the President. This regulation does not apply to students who are residents of Fayetteville, but the parents of such students are expected to see that they conform to the regulations of the University.

If at any time the influence of a boarding house be found pernicious, boarders will be removed at the instance of the Faculty.

EXPENSES.

Board, including fuel, lights and washing, is obtained from $10 to $16 per calendar month.

Day boarding can be had for from $8 to $10 per month.

All Beneficiary and Normal Students, on entering the Preparatory Department, and all *new* students, on entering the Collegiate Department, are required to pay a matriculation fee of $5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of $10 per term, invariably in advance.

No student will be enrolled till all fees are paid, and no tuition fees will be refunded, except in cases of sickness causing continuous absence of not less than twelve weeks.

POCKET MONEY.

The Faculty would advise parents to allow their sons but little pocket money. It has been well said in regard to students, that "a pocket full of money and a head full of sense are seldom found together." Money can be sent monthly for the payment of boarding and other necessary expenses. Postal orders can always be cashed at the post-office in Fayetteville. The President of the Faculty cannot personally take charge of the financial affairs of students.

LABOR.

The farm is small and affords but little remunerative labor. Students should not come here with the expectation of steady employment. While it is true that several students have paid their entire expenses in school by labor, it was done only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from eight to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

LITERARY SOCIETIES.

Two Literary societies, the "Mathetian" and the "Philomathean," have been organized by the College proper, and are in successful operation. The Preparatory Department also, has four societies, the "Phamakoptan," "Cleosophic," "Kalligenian" and "Alethian."

DEGREES.

The following resolutions, submitted by President Hill, were adopted by the Board of Trustees at its annual meeting, June 1882:

1st. That the President be regarded as the head of the A. B. department; and that the other departments be distributed among the Professors by themselves in Faculty meeting; and that each Professor be considered as the head of the department in which he has an excess of work, and that when there is no such excess, the department shall be assigned to the President.

2d. That students choose such studies as they please, but shall not get a diploma in any department without the approval of the head of that department; and it shall be proper for all the Faculty to sign their diplomas.

3d. A student may drop a study or studies in any department, provided he take a study or studies to which an equal amount of time be given, and provided he carry four studies.

4th. That on the recommendation of five Professors, with whom he has completed the specified work, or its equivalent in the same course, a student shall be entitled to the degree of Bachelor of Philosophy, and to the signature of the President and Secretary of the Faculty.

5th. That these resolutions be not retrospective, so as to apply to students who are now graduates, but shall supersede, for the future, all past legislation on the subject of degrees.

PRIZES.

Mr. B. H. Stone, of Fayetteville, gives annually a gold medal, valued at $25, for the best essay written by a student of the University. The Faculty of the University selects the subject and prescribes the method of competition.

A member of the Board of Trustees offers a prize of $25 to any student of the University, who after having passed a satisfactory examination in the antecedent sciences of the scientific course, attains the greatest proficiency in Geology.

D. Appleton & Co., New York, offers a prize of $25 to that Senior who has taken the highest standing in Mathematics during the four years of the Collegiate Course.

The *Mathetian Society* offers two gold medals, worth $15 each, to be competed for by those of its members who are also members of the Freshman and Sophomore classes; one for the best oration by a gentleman, the other for best essay by a lady.

The *Philomathean Society* also offers its members two gold medals; one for the best recitation by a lady, the other for the best oration by a gentleman, member of the Sophomore class.

For the year 1882-3 the Stone and Appleton medals were awarded as follows:

STONE MEDAL—Mr. L. S. Anderson, Craighead county.

APPLETON MEDAL—Mr. C. D. Greaves, Garland county.

JUNIOR HONORS.

The Faculty every year selects from the Junior class, as class orators to represent the class during commencement week, the two young men who have attained the highest standing during the year. Each of the collegiate societies is also represented at the same time by one of its members chosen from the Junior class.

For the year 1882-3 these honors were conferred as follows :

CLASS ORATORS—Mr. L. S. Anderson, Craighead county, and Mr. D. A. Gates, Drew county.

PHILOMATHEAN ORATOR—Mr. G. W. M. Reed, Washington county.

MATHETIAN ORATOR—Mr. W. H. Duncan, Faulkner county.

GRADUATING ORATIONS AND ESSAYS FOR 1882-3.

SALUTATORY.—*Inflexibility of Law.*—Henry Stroup, Franklin county, Ark.

Conscience—C. O. Bates, Washington county, Ark.

Evils of Public Life—J. F. Mayes, Washington county, Ark.

Two Poets: Browning and Tennyson—Miss Lou Taliaferro, Benton county, Ark.

Principles of Taxation—W. W. England, Washington county, Ark.

"Books Are Not Absolutely Dead Things"—Miss Jessie Lee Cravens, Washington county, Ark.

VALEDICTORY—*National Dangers*—C. D. Greaves, Garland county, Ark.

LIBRARY AND READING ROOM.

The University Library, containing 1750 volumes, comprises some valuable works, and additions are constantly being made. Nearly all of the newspapers of the State are kept on file in the Library, and students have access to them as well as the books, at certain hours each day. No Library fee is charged. Books can be taken from the Library, under proper restrictions, by the students.

The following named papers and periodicals have been furnished to the Library of the University, either by the publishers or by friends of the University:

Wheeler's Independent, Fort Smith, Ark.
Fort Smith Elevator, Fort Smith, Ark.
Russellville Democrat, Russellville, Ark.
Southwestern Presbyterian, New Orleans. La.
Central Presbyterian, Richmond, Va.
Weekly World, Helena, Ark.
Van Buren Press, Van Buren, Ark.
Arkansas Beacon, Searcy, Ark..
Weekly Arkansas Gazette, Little Rock, Ark.
Arkansas Democrat, Little Rock, Ark.
Temperance Banner, Little Rock, Ark.
Batesville Guard, Batesville, Ark.
North Arkansas Pilot, Batesville, Ark.
Ozark Democrat, Ozark, Ark.
Monticellonian, Monticello, Ark.
Harrison Times, Harrison, Ark.
Musical Record, Boston, Mass.
Arkansas Sentinel, Fayetteville, Ark.
Fayetteville Democrat, Fayetteville, Ark.
Alma Independent, Alma, Ark.
Arkansas Watchman, Beebe, Ark.
Prescott Dispatch, Prescott, Ark.
Marianna Index, Marianna, Ark.
Malvern Meteor, Malvern, Ark.
Log Cabin, Conway, Ark.
Waldron Reporter, Waldron, Ark.
New Departnre, Carlisle, Ark.
American Journal of Education, St. Louis, Mo.
Engineering and Mining Journal, New York.
Charleston Vindicator, Charleston, Ark.
Pine Bluff Press-Eagle, Pine Bluff, Ark.
The Camden Beacon, Camden, Ark.
Phillips County Patriot, Helena, Ark.
Clarksville Enterprise, Clarksville, Ark.
Jonesboro Times, Jonesboro, Ark.

Des Arc Citizen, Des Arc, Ark.
Jacksonport Herald, Jacksonport, Ark.
Beebe Times, Beebe, Ark.
Arkansas Clipper, Arkadelphia, Ark.
Brinkley Argus, Brinkley, Ark.
Arkansas City Journal, Arkansas City, Ark.
New Bentonian, Bentonville, Ark.
New York Weekly Witness, New York.
Gems of Poetry, New York.

THE FOLLOWING IS A LIST OF PERIODICALS PURCHASED FOR THE LIBRARY.

St. Nicholas, (monthly).
Littell's Living Age, (weekly).
Popular Science Monthly, (monthly).
Harper's Monthly, (monthly).
The Century, (monthly).
New York Herald, (daily).
Scientific American, (weekly).
Chemical News, (weekly).
American Naturalist, (monthly).
Gardner's Monthly, (monthly).
Rural New Yorker, (weekly).
Sunday School Times, (weekly).
Le Francais, (monthly).
Education, (bi-monthly).
Princeton Review, (bi-monthly).
Van Nostrand's Engineering Magazine, (monthly).
The Nation, (weekly).
Atlantic Monthly, (monthly).

SUMMARY PERIODICAL LITERATURE.

Magazines—monthlies and bi-monthlies	11
Magazines—weeklies	6
Newspapers	45
Books purchased for the Library	218 volumes

DONATIONS TO THE LIBRARY.

During the year ending June 8th, 1882, by

United States Government—Valuable Government Documents and Reports, 40 volumes.

Hon. T. M. Gunter—Geological Maps of Colorado; Bulletin United States Geological and Geographical Survey, and other valuable Reports.

Commissioner of Education—Works on Industrial Education; Circulars of information; Report, 1883.

Mrs. Elizabeth Thompson, 2 volumes.

CABINET AND MUSEUM.

The Cabinet of Minerals consists of a collection of State Minerals, contributed by various parties of the State, and by the Professors.

The private collections of the Professors, amounting to several hundred specimens, are at the disposal of the students for study.

The University has but few specimens from outside the State.

There has been constructed an herbarium case large enough to hold the indigenous plants of North America and such exotics as are of economic value. It will be the work of years to complete a collection of the plants of North America, but the work will be immediately begun.

The private Herbarium of the Professor amounts to 2,000 specimens. Students will have access to it in the prosecution of their work.

There are about 500 species of Animal Specimens, to illustrate the various departments of Zoology.

Appropriations have been made to purchase a geological map of the United States, and rocks and fossils, to illustrate Dana's Section, which, together with fossils found in Arkansas, will quite fully illustrate the subject.

Collections in all the departments are slowly accumulating.

The Scientific Departments of the University are under obligations to the officials of the railroads of the State, for free transportation of specimens for the Museum and Cabinets, and also for passes issued to the

Professors, enabling them to make collections for the University in remote parts of the State.

CONTRIBUTIONS TO THE BIOLOGICAL DEPARTMENT.

1882-3.

LOCALITY.	DONOR.	SPECIMENS.
Kansas		Rabbit skin and specimens of grasses
Pacific Coast	C. D. Greaves	Star fish and sea urchin
Arkansas	C, P, Conrad	Birds for skinning
Arkansas	F. L. Harvey	25 prepared skins of birds and mammals
	Various Students	Natural history specimens

CONTRIBUTIONS TO GEOLOGICAL AND MINERALOGICAL DEPARTMENTS.

1882-3.

LOCALITY.	DONOR.	SPECIMENS.
Washington and Crawford counties	Capt. Wheeler	Fine specimens of fossil plants and minerals.
Franklin county	Henry Stroup	Indian relics and concretions..
Washington county	J. R. Floyd..	Fossils.
Pike county	D. G. Madden	Ochres.
Clark county	Col. J. C. Cloud	Fossils from the cretaceous formations.
North Arkansas	Mrs. J. J. Browne	Emery, coal and kaolin.
Webb City, Mo	P. P. Peck	Blende and dog-toothed spar.
Iowa	C. D. Greaves	Siphuncle of orthoceratite.
Arkansas and other localities	F. L. Harvey	30 species of fossils.
Benton county	F. M. Bates	Fossil brachiopod.
Indian Territory	J. R. Ward	Ammonite shell.
Crawford county	Chas. Hauptman	Pentremite.
Indian Territory	C. R. Buckner	Lepidodendron.
Washington county	Annie Murdock	Iron nodule filled with sand.

Persons desiring information about Plants, Animals, Fossils or Minerals, which they have procured in the State, or elsewhere ; or who may wish to contribute Specimens to the General Cabinet or Museum, are invited to send good specimens to Prof F. L. Harvey, who has charge of the General Cabinet and Museum. Questions will be answered as far as possible, and valuable specimens placed in the collection, to the credit of the donor.

CONTRIBUTIONS TO COLLECTION OF STATE MINERALS.

1882-3.

COUNTY.	CONTRIBUTOR.	MINERAL.
Ashley	Hon. W. G. Rolfe	Prairie soil, for examination.
Benton	David Slider	Mineral, for examination.
Benton	Jacob Rummel	7 minerals, for examination.
Benton	Dr. W. D. Polson	Mineral, for examination.
Benton	J. C. Force	5 minerals, for examination.
Calhoun	B. H. Thomason	2 jugs mineral water for examination.
Conway	P. O. Breeden	4 minerals, for examination.
Independence	John Wolfer	9 minerals, for examination.
Polk	Wm. J. Barton	6 minerals, for examination.
Washington	W. D. Littlefield	Lead ore and gangue.
White	V. H. Henderson	Mineral water, for examination.
....	Hon. T. M. Gunter	10 minerals, for examination.

CONTRIBUTIONS FROM OTHER STATES AND TERRITORIES.

1882-3.

LOCALITY.	CONTRIBUTOR.	MINERAL.
Indian Territory	J. K. Adair	Mineral water and deposit from oil spring, for examination.
Indian Territory	Col. E. C. Boudinot	Zinc ore, for examination.
Utah Territory	Col. J. R. Pettigrew	Silver ore.
New Mexico	Col. E. C. Boudinot	Black agate.

REPORT UPON ANALYTICAL WORK DONE FOR CITIZENS OF ARKANSAS BY C. P. CONRAD.

	SUBSTANCE.	COUNTY.	CONTRIBUTOR.	ANALYSIS.	RESULTS.
1	Deposit from well water with slate	Perry	G. T. Holmes	1 qualitative	Sulphate and sulphide of iron.
2	Mineral	Carroll	W. P. Sims	1 qualitative	Ore of iron, crystallized limonite.
3	Mineral	Newton	J. T. Ward	1 qualitative	Ore of iron, limonite
4	Spring water	Washington	Hon. John Crawford	1 quantitative	Total solids 76.753 grs. per gallon. Sodium, Magnesium, Potassium, Calcium, Iron with CO_2, SO_3, Cl; H_2S, CO_2 free.
5	Mineral	Hempstead	W. C. Wallis	1 qualitative	Sulphide of iron (pyrites) in slate.
6	Quartz, hard, dark colored	Carroll	B. F. Snider	4 assays	For silver. Copper and iron pyrites.
7	Galena in calcareous spar	Carroll	G. W. Dale	2 assays	For silver.
8	Milky quartz and galena	Montgomery	Rob't Alexander	4 assays	Silver, 40 oz. per ton of ore.
9	Yellow talco-clay and mineral	Montgomery	Engineer Phillips	4 assays	Silver, 146 oz. per ton of ore.
10	Black slate, quartz, galena and calc spar	Montgomery	Rob't Alexander	4 assays	Silver, 16 oz. per ton of ore
11	Galena, clay and quartz	Montgomery	Samuel Rindskopf	4 assays	Silver, 35 oz. per ton of ore.
12	Stibnite and quartz	Howard	Dr. E W. McCrary	3 assays	Antimony 853 oz. per ton of ore.
13	Mineral	Benton	David Slider	4 assays	For silver (trace). Carbonate and oxide of iron.
14	3 varieties of mineral	Benton	Jacob Rummel	3 qualitative	Quartz, chert and limestone with pyrites.
15	5 varieties of mineral	Conway	P. O. Breeden	5 qualitative	Quartz, limestone, limonite, magnetic oxide.
16	3 varieties of mineral	Woodruff	V. H. Henderson	3 qualitative	Pyrites, talco-slate, micaceous sandstone and pyrites.
17	Saline earth from cave	Carroll	J. F. Miles	1 quantitative	Alkali, 6.8 per cent (100°)
18	Spring water	Scott	E. N. McRay	1 quantitative	Tot'l solids 6.9 grs. per gal. Sodium, Calcium, Magnesium with CO_2, SO_3, Fe (trace)
19	Mineral	Madison	C. R. Buckner	1 qualitative	Zinc blende in calcite.
20	Chert, oxide of iron and clay	Benton	L. A. Figgins	2 assays	For silver.
21	Red-brown iron ochres, very light	Benton	L. A. Figgins	2 assays	For silver.
22	Green and brown clays	Benton	J. C. Force	2 assays	For silver.
23	Limonite in chert	Benton	J. C. Force	2 assays	For silver.
24	Clay, chert and oxide of iron	Benton	J. C. Force	2 assays	For silver.
25	Limonite, ochres and chert	Benton	Dr. W. D. Polson	2 assays	For silver.

REPORT UPON ANALYTICAL WORK DONE FOR CITIZENS OF ARKANSAS BY C. P. CONRAD—*Continued.*

	SUBSTANCE.	COUNTY,	CONTRIBUTOR.	ANALYSIS.	RESULTS.
26	Dark flint showing pyrites of Cu. and Fe.	Independence	R. R. Case	2 assays	For silver.
27	Green cherty limestone	Madison	R. J. Taylor	2 assays	For silver.
28	Quartz showing galena and pyrites	Polk	Peter Mankins	2 assays	For silver, (trace)
29	Galena	Washington	W. D. Littlefield	2 assays	Lead, 68 per cent.
30	Mineral	Benton	Jacob Rummel	1 qualitative	Iron pyrites in large crystals—weathered.
31	9 varieties of mineral	Independence	John Wolfer	9 qualitative	2 var. red hematite, limestone and calcite with pyrites.
32	Galena	Sharp	Ex-Gov. W. R. Miller.	2 assays	Lead, 72 per cent.
33	Mineral	Indian Territory	Col. E. C. Boudinot	1 qualitative	Carbonaceous limestone with zinc blende and iron oxide.
34	Alloy (fossil)	Washington	W. D. Littlefield	1 qualitative	Alloy of tin and antimony.
35	Mineral water, "A"	Calhoun	B. H. Thomason	1 quantitative	Total solids 17.86 grains per gallon. { Sodium Potassium Calcium } as Chlorides and Sulphates.
36	Mineral water	White	V. H. Henderson	1 quantitative	
37	Mineral	White	Hon. T. M. Gunter (for Miles)	1 qualitative	Examined for gold and silver. Chiefly pyrites.
38	8 varieties of minerals	White	Hon. T. M. Gunter	8 qualitative	2 specimens of galena (examined for silver), quartz and sandstone.
39	Mineral	White	Hon. T. M. Gunter	1 qualitative	Calcite with dark, slaty limestone.
40	Saline earth from cave	Carroll	J. F Miles	1 quantitative	Alkali, 5.75 per cent. (300°)
41	Galena	Washington	W. D. Littlefield	4 assays	Lead 63 per cent; silver, good trace.
42	Galena, carbonate and clay	Washington	W. D. Littlefield	5 assays	Silver 3 oz. per ton of ore; lead 77.37 p.c.
43	Galena with calcite	Montgomery	Moffet & Sargent	5 assays	Silver 40.83 oz. per ton of ore.
44	Calcite, quartz, talc-slate	Montgomery	Haycock & O'Connell	4 assays	Silver, a good trace.
45	Limonite, ochre and chert	Benton	Dr. W. D. Polson	2 assays	For silver, trace.
46	Quartz with galena and pyrites	Polk	Peter Mankins	2 assays	For silver, trace.
47	Chert, oxide of iron and clay	Benton	L. A. Figgins	3 assays	For silver, trace.
48	The same as 47, free of chert	Benton	L. A. Figgins	1 assay	For silver, trace.

Total analysis 125—4 quantitative, 77 assays, 44 qualitative.

APPOINTMENT OF BENEFICIARIES.

All appointments should be completed, if possible, before the opening of the autumn term. The County Judges, who make the appointments, should prepare duplicate notifications of appointments, one of which should be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such failure, and he, in turn, should make another appointment as soon thereafter as possible; such other appointee being required to appear at the University as soon as possible after appointment. The President of the Faculty shall continue to notify appointed officers till their respective number of appointees make their appearance at the University.

All beneficiary and normal students should be present at the opening of the autumn term; and unnecessary delay, either of old students in returning, or new ones reporting, will lead to the forfeiture of their appointments.

QUALIFICATIONS.

The attention of County Judges is called to the fact that *neither Normal or Beneficiary Students will be admitted, unless they have the following qualifications:*

Students are not admitted until they have become thoroughly familiar with the fundamental principles of

Arithmetic, viz: addition, subtraction, multiplication and division, and also of common and decimal fractions. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of primary English grammar, primary geography, the rudiments of penmanship, and the spelling of ordinary words of the grade of the Fourth Reader. These qualifications are the test of admission at the beginning of the session; those applying later will be admitted only on the grade of the class.

The sole object of the Normal Department being the training of teachers for the public schools of the State, the attention of County Judges is respectfully called to the following considerations:

Only such persons should be appointed to this department as really intend to teach, and, if possible, those who have had some experience in teaching.

All who enter this department will be required to take the course in training prescribed, to fit them for teaching.

APPOINTMENT FORMS.

As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of County Court to the President of the University and the Secretary of the Board of Trustees, upon the appointment of Beneficiary and Normal Students by the County Court, or the Judge thereof, in accordance with the sixth section of an act approved March 6, 1875:

[*Form* 1—*Appointment.*]

No.................. [To be given to the student.]

To whom it may concern :

I hereby appoint......... .... .of......................... ....
County, State of Arkansas, as a Beneficiary, (or Normal, as the case may be) to the Arkansas Industrial University.

Given under my had, this.....................day of.......................188......

....

Send a notice like the following to the President of the University, and one to the Secretary of the Board of Trustees at Fayetteville.

[*Form* 2—*Notice to President of the University.*]

....Arkansas, }
.... }

To the..*University :*

I hereby notify you that I have this day appointed...
of............................... . ...County, State of Arkansas, a Beneficiary, (or Normal, as the case may be,) to the Arkansas Industrial University.

Given under my hand, this............... .....day of.........................188......

....

BENEFICIARY AND NORMAL APPOINTMENTS.

It is provided in Section 18, of the Act of the General Assembly establishing the University, that the Board of Trustees shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which pupils who are to be admitted free shall be elected equally from the various parts of the State." They have, therefore, made provisions for 600 Beneficiaries, who will be entitled to four years free tuition, and 400 Normal students, who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1880, which apportionment is as follows:

COUNTIES.	Beneficiaries.	Normals.	Vacant Beneficiaries.	Vacant Normals.	COUNTIES.	Beneficiaries.	Normals	Vacant Beneficiaries,	Vacant Normals.
Arkansas	6	4	6	4	Lee	10	6	9	6
Ashley	8	5	6	5	Lincoln	7	5	7	5
Baxter	4	3	4	3	Little River	4	2	3	2
Benton	15	9	10	9	Logan	11	8	10	8
Boone	9	6	5	6	Lonoke	9	6	7	6
Bradley	5	3	5	3	Madison	9	6	7	6
Calhoun	4	3	4	3	Marion	6	4	5	4
Carroll	10	6	10	6	Miller	7	5	7	5
Chicot	7	5	7	5	Mississippi	5	4	5	4
Clay	5	8	5	3	Monroe	7	5	6	5
Clark	12	3	10	8	Montgomery	4	3	3	3
Columbia	11	8	10	8	Nevada	10	7	9	7
Conway	10	6	6	6	Newton	4	2	4	2
Craighead	5	3	5	3	Ouachita	9	6	9	6
Crawford	11	8	9	8	Perry	2	1	2	1
Crittenden	7	4	6	4	Phillips	16	10	15	10
Cross	4	2	4	2	Pike	5	3	5	3
Dallas	5	4	5	4	Poinsett	2	1	1	1
Desha	7	4	4	4	Polk	4	3	4	3
Dorsey	6	4	6	4	Pope	11	8	9	3
Drew	9	6	8	6	Prairie	6	4	6	4
Faulkner	10	6	8	6	Pulaski	25	18	20	18
Franklin	11	8	2	8	Randolph	9	6	8	6
Fulton	5	3	4	3	Saline	7	5	7	5
Garland	7	4	5	4	Scott	7	4	4	2
Grant	5	3	5	3	Searcy	5	4	5	4
Greene	5	4	5	4	Sebastian	15	12	11	5
Hempstead	14	10	10	10	Sevier	5	3	5	3
Hot Spring	6	4	6	4	Sharp	7	5	5	5
Howard	7	5	6	5	Stone	4	4	3	4
Independence	13	8	13	8	St. Francis	6	4	6	4
Izard	8	6	8	6	Union	10	6	8	6
Jackson	9	6	9	6	Van Buren	7	4	7	4
Jefferson	17	12	15	12	Washington	18	12	......	......
Johnson	9	6	7	6	White	13	8	11	8
Lafayette	4	2	4	2	Woodruff	7	5	7	5
Lawrence	6	4	5	4	Yell	11	7	10	7

There is also one "Honorary Scholarship" to each county, to be selected for superior merit and proficiency from the public schools of each county, according to Section 2, of Act July 23, 1868.

AN ACT

TO REGULATE THE SALE OF ARDENT SPIRITS NEAR THE ARKANSAS INDUSTRIAL UNIVERSITY.

Be it enacted by the General Assembly of the State of Arkansas:

SECTION 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

SEC. 2. *Be it further enacted*, That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the county clerk of Washington county, and shall have the same duly recorded, which affidavit shall be in the following form: I, ————, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

SEC. 3. *Be it further enacted*, That no one shall be excused from the penalty of this act who may, contrary to its provisions sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs or vended as a medicine, except as provided for in the foregoing sections.

SEC. 4. *Be it further enacted*, That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars; and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

BRANCH NORMAL COLLEGE

—AT—

PINE BLUFF.

The Branch of the Normal Department of the Arkansas Industrial University was established by the General Assembly for the purpose of securing an adequate supply of properly trained teachers for the colored public schools of the State. Its terms, course of study, sessions, etc., correspond with those of the Normal Department at Fayetteville, and each county judge is entitled to appoint as many colored beneficiaries to the Institution at Pine Bluff as his county is allowed, under the apportionment, to send white ones to Fayetteville; consequently the two classes of appointments do not interfere with each other. The expenses of a student at Pine Bluff, for board and washing, need not exceed $12 per month, and a number of those who have heretofore attended have managed to reduce their expenses very materially by labor.

For further information address the Principal,

PROF. J. C. CORBIN,
Pine Bluff, Ark.

FIFTH ANNUAL ANNOUNCEMENT

AND

CATALOGUE

OF THE

MEDICAL DEPARTMENT

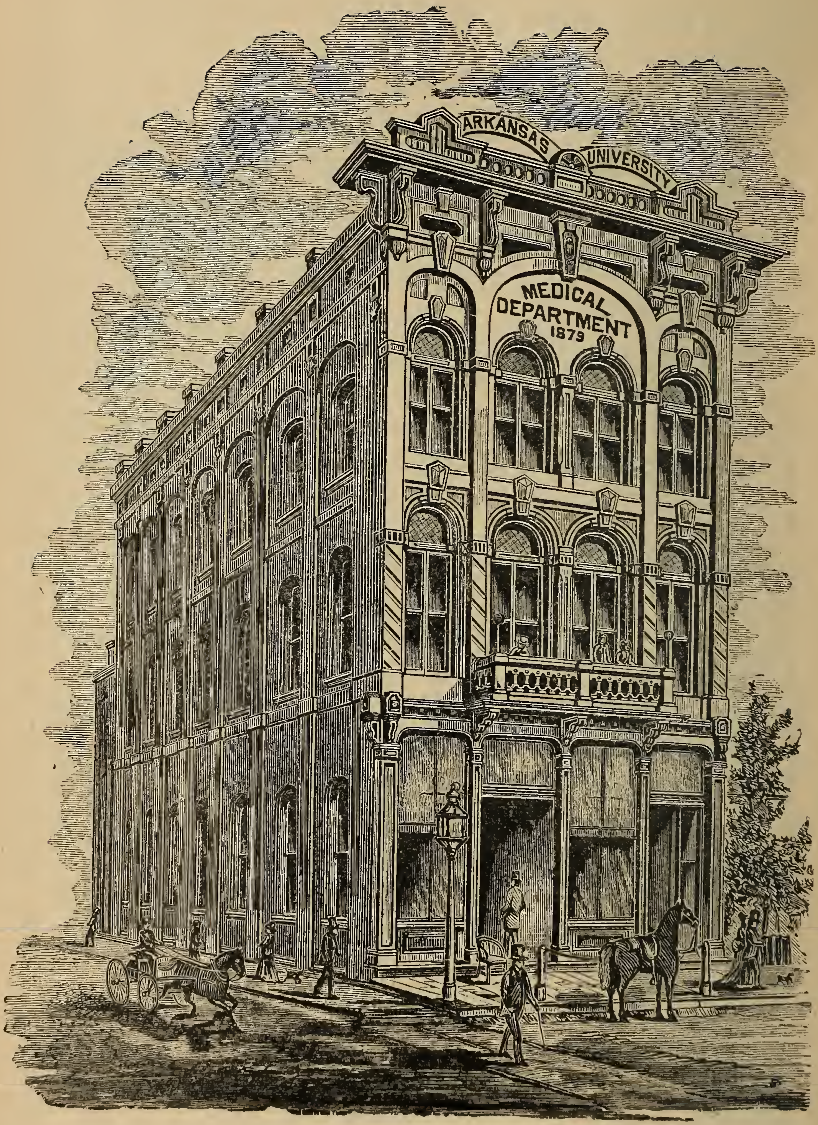
ARKANSAS INDUSTRIAL UNIVERSITY.

SESSION OF 1883-84.

LOCATED AT

LITTLE ROCK.

LITTLE ROCK:
A. M. Woodruff, Adm'r Geo. Woodruff, Printer.
1883.


ARKANSAS UNIVERSITY
MEDICAL DEPARTMENT
1879

FIFTH ANNUAL ANNOUNCEMENT

OF THE

MEDICAL DEPARTMENT

ARKANSAS INDUSTRIAL UNIVERSITY.

The Trustees of this institution present this, their Fifth Annual Announcement. They acknowledge the generous confidence the profession of this State has thus far accorded this School, and take this opportunity to assure all its friends, and co-supporters, that in the future, as in the past, they will find this department moving along the great highway of progress.

The growing interest manifested by all classes of citizens in the prosperity and advancement of education throughout the State, gives assurance that this branch will continue to receive that support it so worthily merits.

It is the only Medical College in the State, and designed especially to foster this department of science, as also to encourage the attainment of a more thorough knowledge of medicine in the profession, the Trustees solicit all persons, intending to commence its study, or who are already engaged in its practice, but who have been unable to obtain that systematic instruction they desire, to come to this college and complete what they originally expected to do.

This College, with this announcement, enters upon its fifth anniversary, and the work that it has already accomplished is a sufficient guarantee of what its future will be—a credit and honor to this great and growing commonwealth.

LOCATION.

Little Rock is situated near the center of the State. It has now direct railway communication with North, South, East and West. Other roads are in process of construction, or projected, so that within a very limited period railroads will center in Little Rock from all sections of the State.

The city has, also, during one-half the year, splendid water communication. It has a population of nearly 25,000. It is built upon the South bank of the Arkansas river, upon a high, undulating bluff. Its drainage therefore, is natural and perfect, and its healthfulness superior to any city west of the Mississippi river. In it epidemics of all kinds are unknown.

The Deaf Mute, Blind and Lunatic Asylums, State institutions, are located here.

SESSION OF 1882 AND '83.

The Fourth Annual Course of Lectures commenced on Tuesday, October 3d, 1882, and continued until

March 1st, 1883—five months. There were *thirty-six* regular matriculates in this Course, *four* of whom graduated.

COLLEGE BUILDING.

The Faculty owns its building, which is a large and commodious brick structure, with an iron and stone front.

This structure has one of the best arranged dissecting rooms in any institution of similar character; it is well ventilated, and provided with all the modern conveniences.

The building is very conveniently situated, between Main and Louisiana, on Second Street, and is in all respects well adapted for clinical and didactic instruction.

HOSPITAL.

The Hospital, under the management of the Ladies' Benevolent Association of the City of Little Rock, will afford ample material for all kinds of clinical instruction in medicine and surgery. The sick, injured and afflicted, flock to this institution during the fall, winter and spring months, from every section of the country, and students will have an excellent opportunity to observe and study diseases in all its various phases; as, also, to witness a large number of surgical operations.

The construction of a new City Hospital is in contemplation. This will increase the advantages of students.

ANATOMY.

The General Assembly of the State of Arkansas passed an Act in the winter of 1873 legalizing dissection.

This act is a generous one. No State in the Union possesses a more liberal provision for the prosecution of the study of Anatomy. Any amount of material can be procured *legally*, with but a nominal expense to the student. This item alone is of no small consideration to a zealous laborer in this department.

MEDICAL HYGIENE AND BOTANY.

Medicial Hygiene has lately assumed such a prominence, both among medical and scientific investigators of the etiology of disease, that a course of instruction has been inaugurated in the Medical Department of the Arkansas Industrial University on this important branch.

Medical Botany has also been added to our curriculum, with a view of giving students a practical knowledge of the medical properties of the indigenous flora of the country.

A knowledge of Hygiene and Botany is considered very essential qualifications of the general practioner, although not regarded with favor by a large majority of the medical colleges of this country, as *very* few of them give instruction in either of these useful branches.

CLINICS.

The past session has demonstrated the fact that there is an abundance of material in the City of Little Rock and surrounding country for all kinds of clinical instruction.

There will be a surgical clinic twice per week, which, in the number and variety of operations performed, will compare favorably with any of our larger institutions.

The Eye and Ear Clinic is particularly instructive, and will embrace a very extended variety of diseases in this special department.

There will also be a Gynæcological Clinic. Clinical Medicine will receive special attention, and cases of all kinds of diseases will be practically exhibited, and the treatment in each instance given.

DISPENSARY.

The Faculty have established a Dispensary in connection with the College, where Clinics will be held daily, and advanced students will have the benefit of examining and prescribing, under the direction of the Professors. This will afford facilities for practical instruction seldom offered at many other institutions.

COURSE OF LECTURES.

The fall course of Lectures in the Medical Department of the University will commence on Monday, October 3d, 1883, and continue five months.

These Lectures will be so arranged as to time, as to afford students the greatest possible advantage. They will have an opportunity to prepare themselves upon the subject of each lecture.

PROSPECTS FOR THE COURSE OF 1883–84.

The Medical Department of the University takes an unusual degree of pleasure in making known to the *medical profession* of the Trans-Mississippi section of country the unparalleled success it has met with the past four years, and to assure its friends and supporters that the next course of Medical Lectures will greatly increase the number of present matriculates. Starting *de novo,* unaided, and upon an extremely limited notice to the public, it has received a liberal patronage, which the character of the instruction, and the opportunities offered, have proved advantageous to all concerned. The number of communications daily received, for special information; the number of students that have access from time to time to the Medical College building, together with our unsurpassed geographical center, insure to this College an unusually large number of matriculates at its ensuing session.

We do not pretend to offer students any advantages beyond those of a practical nature, but assure them, in advance, that our terms will be in every essential particular strictly adhered to. We would, however, request the medical students of the South and West to come here and see for themselves before they go elsewhere.

FEES:

Professors' Tickets	$50 00
Matriculation Ticket (only paid once)	5 00
Demonstrator's Ticket	5 00
Hospital Ticket	3 00
Graduation Fee	25 00

Fees for Professors' Tickets and Matriculation must be paid on entering.

BOARD, ETC.

Boarding can be procured in private families as cheap in Little Rock as in any other city in the country.

REQUISITES FOR GRADUATION.

The candidate must be twenty-one years of age, of good moral character, and must present to the President the requisite evidence of having studied medicine three years, inclusive of attendance upon lectures.

He must have attended two full courses of lectures in a recognized medical college, the last of which shall have been in this Institution.

He must present to the President, by the first of February, a thesis, in his own hand-writing, on a medical subject. The amount of the graduation fee must be deposited with the thesis; in case of failure to pass a satisfactory examination, the money will be refunded.

A report of any of the clinics will be accepted in lieu of the ordinary thesis.

He must pass a satisfactory examination on anatomy, physiology, chemistry, materia medica, practice and general pathology, obstetrics and diseases of women and children, diseases of eye and ear, and surgery.

MATRICULATES FOR 1882-83.

Bailey, William T	Arkansas.
Basham, John P	Arkansas.
Bell, John C	Arkansas.

Bond, Sterling	Arkansas.
Bryan, William T.	Arkansas.
Buckner, Thomas J.	Texas.
Capshaw, M. J.	Arkansas.
Chamness, Gilbert C.	Arkansas.
Dalton, George	Arkansas.
Davis, William A.	Arkansas.
Driver, John H.	Arkansas.
Graham, Jr., Andrew J.	Arkansas.
Hale, Harry A.	Arkansas.
Hiett, James W.	Arkansas.
Hooper, Perry	Arkansas.
Hunt, William R.	Arkansas.
Jones, C. P.	Arkansas.
Lindsey, James H.	Arkansas.
Lindsey, Jr., William S.	Arkansas.
Martin, George A. E.	Arkansas.
Mickel, Fred A.	Arkansas.
Moore, William H.	Arkansas.
Patterson, William E.	Tennessee.
Paynor, George V.	Arkansas.
Richardson, Priar L.	Arkansas.
Robertson, Harry S.	Arkansas.
Rutherford, Thomas F.	Arkansas.
Seaver, James A.	Arkansas.
Sherrill, Miller F.	Texas.
Thompson, Lewis Q.	Arkansas.
Woolford, William S.	Arkansas.
Zachary, Burr S.	Arkansas.

GRADUATES.

Basham, John P.	Clarksville, Ark.
Rutherford, Thomas F.	Manchester, Ark.
Seaver, James A.	Little Rock, Ark.
Zachary, Burr S.	London, Ark.

The "Honorary Degree" of Doctor of Medicine was conferred on James M. Keller, M. D., of Garland County, Ark.

PROCEEDINGS

OF THE

ANNUAL MEETING

OF THE

BOARD OF TRUSTEES

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

Held at the Secretary's Office, Fayetteville, Ark., June 4th, 1883.

At 12 o'clock, M., June 4th, 1883, the Board of Trustees convened at the office of the Secretary of the Board, in the University building, pursuant to law.

Present and presiding, Hon. James H. Berry, Governor of the State and ex-officio President of the Board; of the other members of the Board there were present, Hon. Wood E. Thompson, Superintendent of Public Instruction, and Gen. D. H. Hill, President of the Faculty, both ex-officio members of the Board; Charles Coffin, 1st Con-

gressional District; J. P. Eagle, 2nd District; Joseph W. Martin, 4th District; Geo. J. Crump, 5th District; Thos. M. Gunter, Washington county. Absent, J. T. Bearden, 3rd District.

The oath of office was administered to the appointed members present, by Hon. J. M. Pittman, Judge of the 4th Judicial District.

Jesse L. Cravens was re-elected Regent of the University and Secretary of the Board of Trustees; and Wm. McIlroy was re-elected Treasurer, for the ensuing year.

The Secretary was instructed to notify the Board of Visitors, that the Board of Trustees was organized, and ready to receive any communication they might desire to present.

The following standing committees were duly elected by the Board:

EXECUTIVE COMMITTEE.

J. W. MARTIN, Chairman.
CHARLES COFFIN. W. E. THOMPSON.
J. P. EAGLE. G. J. CRUMP.

FINANCE COMMITTEE.

T. M. GUNTER, Chairman.
J.T. BEARDEN, G. J. CRUMP.

BY-LAWS.

J. P. EAGLE, Chairman.
CHAS. COFFIN, J. T. BEARDEN.

PRINTING.

GEN. D. H. HILL, Chairman.
CHAS. COFFIN, T. M. GUNTER.

BRANCH NORMAL SCHOOL.

GOV. J. H. BERRY, Chairman.
W. E THOMPSON, J. T. BEARDEN, J.P. EAGLE.

The bond of the Regent and Secretary was fixed at $10,000 and that of the Treasurer at $20,000.

The report of Gen. D. H. Hill, President of the Faculty, was read by himself, the Board of Visitors being presant by invitation.

Upon recommendation of the Faculty, degrees were conferred upon members of the graduating class, as follows:

Miss Lou Taliaferro. B. E. L.
Miss Jesse Lee Cravens, B. L. L.
Mr. C. D. Greaves, A. B.
Mr. Henry Stroup, A. B.
Mr. C. O. Bates, A. B.
Mr. J. F. Mayes, A. B.
Mr. W. W. England, A. B.

And upon Miss Sarah E. Harris, Professor of English Literature and History, the degree of A. M.

The rule on enrollment was amended so as to read as follows:

Every student who appears at the University for enrollment, shall at once present himself to the Secretary of the Board, who upon payment of all proper fees shall enroll the student, noting the status of such enrollment, whether beneficiary, normal or otherwise, and shall furnish such student with a certificate of his status, which certificate shall be presented promptly to the President of the Faculty, who shall, if otherwise found qualified, enter the name of such student upon the roll of the University in the proper department; and no student shall be allowed to recite with any class or enter the University until properly enrolled.

The following resolutions were adopted:

1st. Regular class exercises shall be continued throughout the week from Monday A. M. until Friday P. M., inclusive.

2d. That Saturday forenoon shall be occupied by the various society exercises, under such regulation and supervision as the Faculty may provide, and subject to the usual rules of discipline in force in the various departments of the institution.

3d. That a chapel service shall be held once on each Sabbath at the University, consisting of reading a portion of Scripture, prayer and singing, at which there shall be a general attendance of Faculty and students, unless excused by the Faculty for sufficient reason, or on written application of parents or guardians; and after these exercises there may be such further religious exercises as may be provided by the Faculty, the attendance on which shall be entirely voluntary.

On account of the excitement and interruption incident to Christmas, it was provided that a vacation be made to extend over the Christmas holidays, commencing after the close of the University exercises on Friday evening before Christmas and ending on the Sunday next after the first day of January.

Appreciating the influence of example as well as precept, it was provided :

That whenever a general attendance of the students is required in the chapel by regulation, the Faculty shall also be expected to attend, unless excused for reasonable cause by a vote of two-thirds of the Faculty.

Vocal music is taught as a regular exercise in the University, but the members of the Collegiate and Sub-Freshman classes are permitted to elect whether they shall participate in these general vocal exercises, but all who do engage in them are required to provide themselves with such books as are deemed necessary by the head of the musical department.

The general discipline of the University is left entirely with the Faculty, as to its details, except that as to students in the Preparatory Department dismissal by the Faculty shall amount only to a temporary suspension, not to exceed, in any case, the period of the current session, unless extended by the Board of Trustees at their annual meeting on a recommendation made by the Faculty at the time of dismissal by them.

Particular attention is called to the following:

Resolved, That hereafter students shall not be admitted into the Preparatory Department of the University unless they possess the qualifications as published in the annual catalogue, and that the President of the Faculty be requested to see that this resolution is strictly enforced.

Also the following:

WHEREAS, The successful management and future prosperity,of the University depend, in a great measure, upon the maintaining of a thorough discipline, enforcing the esteem of the students for the Faculty, and a respectful regard for the rules and regulations adopted for their government; and

WHEREAS, This cannot be accomplished without a sound head and a strong hand, and the harmonious action of all the various members of the Faculty: Therefore,

Resolved, That in Gen. D. H. Hill, the President of the Faculty, we recognize that firmness, integrity and ability which eminently qualify him for the position which he occupies; and with pleasurable pride we point to the work being done by our Faculty and to the distinguished services they are performing in the cause of art, literature and science.

We also call attention to the following extracts from the report made to the Governor by the Board of Visitors in attendance upon the Commencement exercises just closed :

"We attended all the Commencement exercises of the students, in the chapel, and were present at the examination of several of the classes. The bearing and deportment of the students, their proficiency as shown at their examinations, and the splendid exhibition of musical, oratorical and literary talent during the public exercises deeply impressed us with the efficiency of the Faculty who have the University in charge. All the exercises participated in by them evidenced a high degree of merit and would have reflected credit upon any institution in the country. In all the departments in which the students appeared, they showed that they had been the recipients of no ordinary training, and that they had passed under the magic touch of scientific and skilled hands.

We think the credit is most eminently due to the President, Gen. D. H. Hill, and to his efficient corps of professors and teachers.

The University affords a first-class education to those who seek it, and prepares its students to enter successfully the race of life.

It affords us pleasure to state that we took the the testimony of many witnesses in regard to the management of the University, and that all the evidence before us confirmed the high character of the President, Gen. D. H. Hill; it proved he was prompt and energetic in discharging the duties of his position; that he had the respect of all brought in contact with him, and that he showed a kindly and fatherly care for those under him.

In the absence of any testimony upon the subject, no one who was impartial could have visited the University, as we did, and associated with the Faculty and students, without being impressed with the fact that all the members of the Faculty were equal to their respective positions and were zealous in their efforts to maintain the reputation of the institution, and that the students had availed themselves of the advantages offered to them at the University.

Let our people feel a permanent and abiding interest in the University and give it proper support, and not many years will elapse before its reputation will equal that of any institution in the country.

A healthy and pleasant location, an elegant and suitable building and an able and experienced Faculty, all combine to make the University desirable for those of our citizens who have children to educate.

We take great pleasure in recommending it to the people of the State.

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